

Town of Blacksburg

FY 2007/2008-2011/2012

Recommended Capital Improvement Program

Town Council

Ron Rordam, Mayor
Susan Anderson, Vice Mayor
Mary Holliman
Paul Lancaster
Don Langrehr
Alvah Leighton
Thomas M. Sherman

Town Administrative Staff

Town Manager – Marc A. Verniel
Deputy Town Manager – Steven Ross
Assistant to the Town Manager – Chris Lawrence
Town Attorney – Lawrence Spencer
Town Clerk - Donna W. Boone-Caldwell
Director of Financial Services - Susan H. Kaiser
Fire Chief – B. Keith Bolte
Director of Parks and Recreation - Dean B. Crane
Director of Planning and Engineering - Adele P. Schirmer
Chief of Police – Kimberly S. Crannis
Community Relations Manager – Heather D. Browning
Human Resources Manager – Elaine Gill
Director of Public Works – S. Kelly Mattingly
Rescue Captain – Wayne Myers
Director of Technology - Steven B. Jones
Transit Director – Rebecca L. Martin



November 21, 2006

The Honorable Mayor and Members of Town Council
Members of the Planning Commission
Town of Blacksburg
300 South Main Street
Blacksburg, VA 24060

Dear Mayor, Members of Town Council and Members of the Planning Commission:

It is our pleasure to present to you the *Recommended FY 2008-2012 Capital Improvement Program (CIP)* for your review and consideration. We are pleased to present to you a plan that focuses on the Town's five-year capital needs and balances the maintenance of existing infrastructure and equipment while keeping pace with technology and new facility requests.

While the needs, wants and desires identified by citizens, Town Departments, Town Council, Town-appointed Boards, Commissions, and Task Forces and Committees continue to significantly exceed the financial resources available, we are pleased to present to you a program for improvements for the first year of the five-year program of approximately \$11.8 million. The *FY 2008 Recommended Capital Improvement Program* represents the twelfth consecutive year in which the Town is able to fund capital needs in excess of \$2.0 million. Over \$6.4 million in General Fund projects were proposed for funding in FY 2008 alone. Below is a ten-year history of funding requested in the first year of the CIP for the General Fund versus actual funding by Town Council or in the case of FY 2008, the proposed funding:

Fiscal Year	Requested Funding	Actual/Proposed Funding	Increase (Decrease)	% Projects Funded
1999	\$4,549,473	\$2,033,846	\$(2,515,627)	44%
2000	\$4,111,962	\$2,343,920	\$(1,768,042)	57%
2001	\$6,905,321	\$3,469,200	\$(3,436,121)	50%
2002	\$7,151,220	\$2,323,225	\$(4,827,995)	32%
2003	\$6,469,204	\$2,001,541	\$(4,467,663)	31%
2004	\$2,944,488	\$2,180,000	\$(764,488)	74%
2005	\$4,803,559	\$2,962,890	\$(1,840,669)	62%
2006	\$4,990,958	\$3,100,928	\$(1,890,030)	62%
2007	\$8,043,488	\$2,708,032	\$(5,335,456)	34%
2008	\$6,400,068	\$3,817,763	\$(2,582,305)	60%

Approach to Funding

As stated earlier, resources are routinely less than the funds requested for desired capital projects. The Executive Management Team, composed of all Department Heads and the Town Manager, is challenged with analyzing and prioritizing worthwhile, but competing projects. The team approaches the CIP by recommending funding for projects that are "pre-funded" with dedicated revenue sources or for those projects for which the Town has a long-standing financial commitment such as the Equipment Depreciation Fund. These generally are projects for which the Town gets State reimbursement to fund projects, such as Sidewalk Replacement; or for which the Town has a contractual obligation, such as matching funds for Major Street Improvements. Below is a chart that illustrates the breakdown of projects that are priority funded:

Project	Amount	Revenue Source
Equipment Depreciation Fund	\$631,419	Long-Standing Financial Contribution
Building System Maintenance	\$ 62,874	Long-Standing Financial Contribution
Major Street Improvements	\$100,000	Matching Funds

Of the \$3,817,763 recommended for funding in FY 2007/2008 from the General Fund, \$794,293 or 20.8% is designated as priority funding, leaving \$3,023,470 or 79.2% available to fund other CIP requests. Once priority funded projects were designated, the Executive Management Team used feedback from Town Council work sessions, the Town's Mission and Values statement, and the Blacksburg Comprehensive Plan to prioritize projects for funding.

Town of Blacksburg Mission and Values

The mission of the Blacksburg Town Government is to support a dynamic community by providing effective municipal services and enhancing Blacksburg's quality of life.

The Town of Blacksburg Values:

Innovation
Customer Service
Open Government

Community Pride
Leadership
Integrity

Fiscal Responsibility
Citizen Involvement
Public Safety

General Fund Overview

Every few years, the Town Council reviews the "Principles of Sound Financial Management" which guide the staff in designing CIP and budget documents that are fiscally responsible. A copy of the "Principles of Sound Financial Management" can be found in the *Financial Analysis and Tables* section of this document.

In addition, to providing a picture of the Town's current fiscal health, a series of Financial Trend Indicators are also included in the *Financial Analysis and Tables* section.

In past years, the Town has typically bonded \$2 million in general fund projects. Beginning in FY 2006/07 \$1.5 million in bonded projects per year are projected. While capital project needs far exceed projected bond funding, planned bonds for capital projects will remain at these levels until revenues increase to a level where increased debt service can be supported.

Revenue Assumptions

The Town's revenue base is projected to grow approximately 4% annually for the next five years. This takes into consideration the revenue growth experienced in FY 2005 and FY 2006. While projecting revenues for the five-year CIP period, a thorough analysis of revenues budgeted in FY 2006 against those actually received indicates that the strength of the Town's revenue are in the category of Other Local Taxes. This category is estimated to increase 2.0% from actual revenue received in FY 2006 due to stable economic growth in the area.

While the Town is fortunate to rely on a very diverse revenue base, there is a need to constantly be aware of potential changes in taxing authority and changes in funding allocations generated by the General Assembly. Legislative proposals, such as a local share of state income taxes, distribution of telecommunication taxes, and continuing discussions on changes in the Business, Professional and Other Licenses (BPOL) tax, as well as the impact of the state budget

head the list of items that we will continue to vigorously monitor during the upcoming legislative session.

Expenditure Assumptions

Projected operating expenditures are based on an increase of approximately 5.5% for FY 2007/2008. This increase is due to a 2.6% increase in other operating expenditures, a 5.0% increase in employee compensation and a projected 20.0% increase in employee health benefits. For the last four years of this CIP period, operating expenditures are projected to increase each year, by approximately 3.0%. It should be noted that only existing programs are included in the expenditure assumptions used in the development of the CIP. Organizationally, we will continue to pursue productivity and quality improvements to maximize existing financial resources.

Financing the Capital Improvement Program

The *Recommended FY 2008-2012 Capital Improvement Program* relies upon General Fund revenue, water and sewer funds, general obligation bonds and Federal and State support for capital projects. Equipment replacement and infrastructure maintenance and replacement are funded with General Funds and/or Water and Sewer Funds while bond funds are used as a secondary funding source for projects that are more long-term in nature.

Funding Recommendations

Following is a brief summary of projects that are recommended for the first year of the five-year period by functional area:

*Recommended FY 2008-2012 Capital Improvement Program
Transmittal Letter*

General Fund

Finance Department:

AS400 Peripheral Equipment Replacement	\$ 25,000
Subtotal	<u>\$ 25,000</u>

Rescue:

Opticom Lights	\$ 25,000
Town Radio Voter System	\$ 25,000
Subtotal	<u>\$ 50,000</u>

Parks and Recreation Department:

Baseball/Softball Dugouts	\$ 17,500
Greenways	\$ 75,000
Playground & Park Equipment Depreciation Fund	\$ 15,000
Sidewalks-Corridor Committee	\$ 64,670
Subtotal	<u>\$ 172,170</u>

Planning and Engineering:

Major Street Improvements	\$ 100,000
Storm Water MS-4 Compliance (EPA NPDES Phase II Program)	\$ 46,800
Storm Water Management Best Practice Study	\$ 50,000
Subtotal	<u>\$ 196,800</u>

Police Department:

Police Communications System	\$ 30,000
Police Vehicle Digital Video Recording System	\$ 76,000
Traffic Committee and Neighborhood Traffic Control Program (NTCP)	\$ 25,000
Subtotal	<u>\$ 131,000</u>

Public Works Department:

Emergency Preparedness Equipment	\$ 13,950
Major Facilities Repair	\$ 45,000
Rental Property Maintenance	\$ 15,000
Traffic Signal Cabinet Upgrades	\$ 18,000
Traffic Signal Emergency Power Supply	\$ 45,000
Traffic Signal Equipment Replacement	\$ 17,000
Traffic Signal Head Replacement	\$ 24,000
Transfers to Building Systems Depreciation Fund	\$ 47,874
Transfers to Equipment Depreciation Fund	\$ 631,419
Subtotal	<u>\$ 857,243</u>

Technology Department:

Microsoft Software	\$ 37,500
Prices Fork Mountain Radio Town Building Replacement	\$ 15,000
Technology Replacement	\$ 105,000
Subtotal	<u>\$ 157,500</u>

Town Manager:

Downtown Improvements: Façade Improvement Grants	\$ 25,000
Municipal Complex Expansion and Town Hall Renovations	\$ 2,100,000
Odd Fellows Hall Roof Replacement	\$ 28,050
Wayfinding Signage System	\$ 75,000
Subtotal	<u>\$ 2,228,050</u>

Total General Fund Projects

\$ 3,817,763

Details for all of the projects recommended for funding in the *Recommended FY 2008-2012 Capital Improvement Program* can be found in the Project Description section of this document.

There several projects that were unable to be funded. The Town will in the next few years review avenues to fund these projects. These projects are: New Rescue Station; Greenway Plan Build out; Indoor Aquatic Center Improvements; Outdoor Aquatic Facility; New/Expanded Community/Recreation Center; Storm Water Projects; Town Hall Renovations; Alexander Black House/Odd Fellows Lodge; Transportation Projects to leverage VDOT revenue sharing funding; Westview Cemetery Reception/Service Building; Westview Cemetery Improvements; Public Works Complex Improvements; and Fitness Center.

Water and Sewer Fund

This CIP assumes continued implementation of the recommendations of the Ernst and Young Utility Rate Study conducted in FY 1993. We are pleased to report that we continue to be on track in meeting the goals identified in the Utility Rate Study. These goals include the following:

- 1) To maintain the integrity of the existing water and sewer infrastructure;
- 2) To decrease the dependency on one-time availability fee revenues for the day-to-day operations of each fund with an ultimate goal of dedicating availability fees to support capital construction needs;
- 3) To maintain a reserve cash balance in the water and sewer enterprise fund at a target level of six months of expenditures for operations and maintenance of the systems and a renewal and replacement reserve of 3% of fixed assets; and,
- 4) To manage debt to maintain a ratio of net revenues (revenues less operations not including depreciation) of at least 1.15 times debt service requirements.

Recommended in FY 2007-2008 for the Water and Sewer Fund are capital projects totaling \$2,551,804. These projects are funded from water and sewer system revenue. Following are the projects proposed for funding in FY 2007/2008:

Water/Sewer Fund

Finance Department:

Meter Maintenance and Replacement	25,000
Radio Read Vehicle Transceiver Unit Replacement/Upgrade	7,000
Subtotal	<u>32,000</u>

Planning and Engineering:

IDSE/Stage 2 DBP Program	40,800
New Vehicle	27,484
Shenandoah I Sewer Pump Station Condition Upgrade	70,000
Water Storage Facility	1,845,506
Water System Upgrades	178,880
Subtotal	<u>2,162,670</u>

Public Works Department:

Electrical Service Upgrade	90,000
New Equipment Purchase - Compact Excavator	50,000
Transfers to Equipment Depreciation Fund	133,974
Water Main Replacements	83,160
Subtotal	<u>357,134</u>

Total Water/Sewer Fund Projects

2,551,804

Details for all projects in the Water and Sewer Fund that are recommended can be found in the Water and Sewer section of this document.

It should be noted that any increase in the wholesale water and sewer rates by either the Water Authority or Sanitation Authority are not reflected in these funding recommendations. If such increase in wholesale rates should occur, in all likelihood a commensurate increase would be reflected in the Town's water and sewer rates.

Finally, we will continue to carefully monitor the fiscal condition of the Water and Sewer Fund particularly as it relates to the recommendations of the Utility Rate Study. One significant project which is unfunded as a comprehensive plan is in development is Sewer System Improvements.

Golf Course

No projects are proposed for funding for the Golf Course. No projects will be funded until the Golf Course revenues cover operating expenditures and build sufficient retained earnings to support capital improvements.

Blacksburg Transit

Recommended capital projects to support the Blacksburg Transit system include: staff vehicle and bus replacement; the purchase of a simulator for the training division; purchase of replacement and expansion items for the radio program, shelter and amenities program, and technology program; purchase of on-going maintenance items including spare parts and engine; paving of the transit facility parking lot; and construction funding for the multi-modal facility. Blacksburg Transit is financed from multiple funding sources including Federal and State grants, Town of Christiansburg, Virginia Tech, and fare box revenue. No Blacksburg generated tax revenue is used to support Transit operations. Projects that are not funded are generally deferred until the following year when grant funds will be requested again. Details for all projects for Blacksburg Transit can be found in the Transit section of this document.

Future Issues

The impact of legislative proposals and the economy could have a significant impact in the funding sources for both the *Capital Improvement Program* and the *FY 2007-2008 Operating Budget*. Staff will actively monitor the General Assembly and the economy throughout the coming months, particularly as actions may impact the fiscal resources of the Town.

Summary

In conclusion, we are proud to present to you for your consideration the *Recommended FY 2008-2012 Capital Improvement Program* that we believe is both fiscally responsible and responsive to the community. We will continue to examine and monitor our financial assumptions and review changing conditions to ensure this capital improvement program reflects the Town's Mission, Values, and Action Strategies from our Comprehensive Plan.

During the next several weeks, we look forward to reviewing and discussing these recommendations with you. Earlier this year, the Town Council adopted the following schedule for review and consideration of the *Recommended FY 2008-2012 Capital Improvement Program*:

2006

November 28 Town Council Work Session

December 5 Town Council Work Session

December 12 Town Council Schedules Public Hearing on CIP for January 9, 2007

2007

January 3 Planning Commission holds Public Hearing and makes recommendation on CIP to Town Council

January 9 Town Council Public Hearing on *Recommended CIP*

January 23 Town Council consideration of resolution approving *Recommended FY 2008-2012 Capital Improvement Program*

Finally, special thanks to the Executive Management Team, consisting of Steven Ross, Deputy Town Manager, Chris Lawrence, Assistant to the Town Manager; Susan Kaiser, Finance Director; Elaine Gill, Human Resources Manager; Dean Crane, Director of Parks and Recreation; Adele Schirmer, Director of Planning and Engineering; Kim Crannis, Chief of Police; Heather Browning, Community Relations Officer; Kelly Mattingly, Director of Public Works; Steve Jones, Director of Technology; Rebecca Martin, Transit Director, Lawrence Spencer, Town Attorney; and Donna Boone-Caldwell, Town Clerk. Also, a commendation to Teresa Dawkins and Emily Howard, Executive Assistants for their able and skilled assistance in compiling this document.

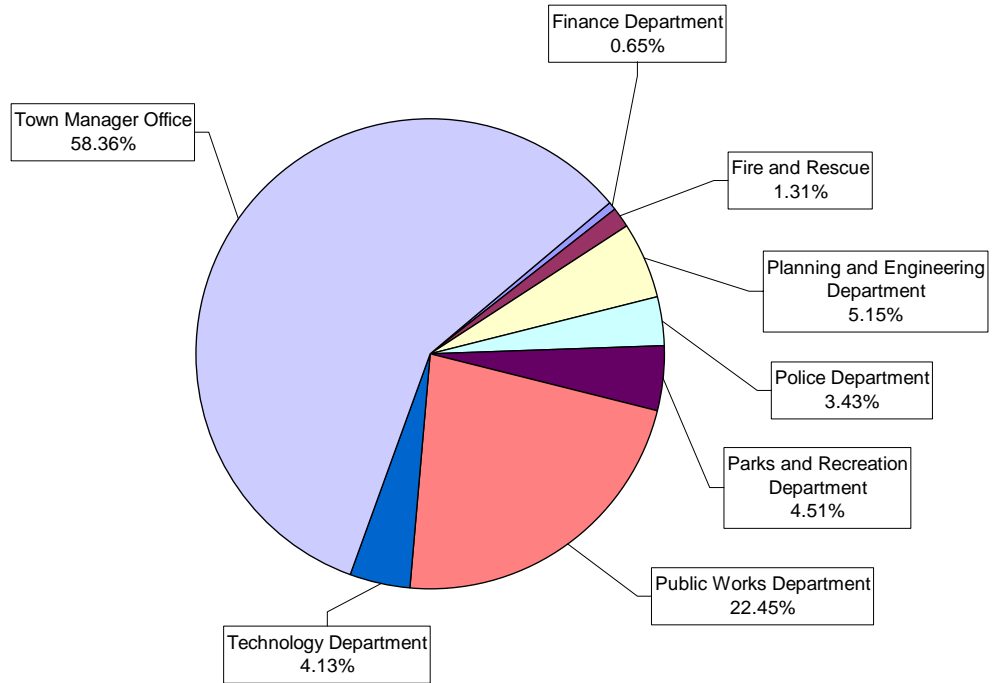
Thank you for your careful review and consideration of this document. We are prepared to work with you as you review these recommendations and create a five-year Capital Improvement Program for the community. Thank you for your continued support as we pursue capital improvements that will enhance the quality of life for citizens of Blacksburg into the new millennium.

Sincerely,



Marc A. Verniel
Town Manager

FY 2008 General Fund Projects



FY 2008 Capital Improvement Program

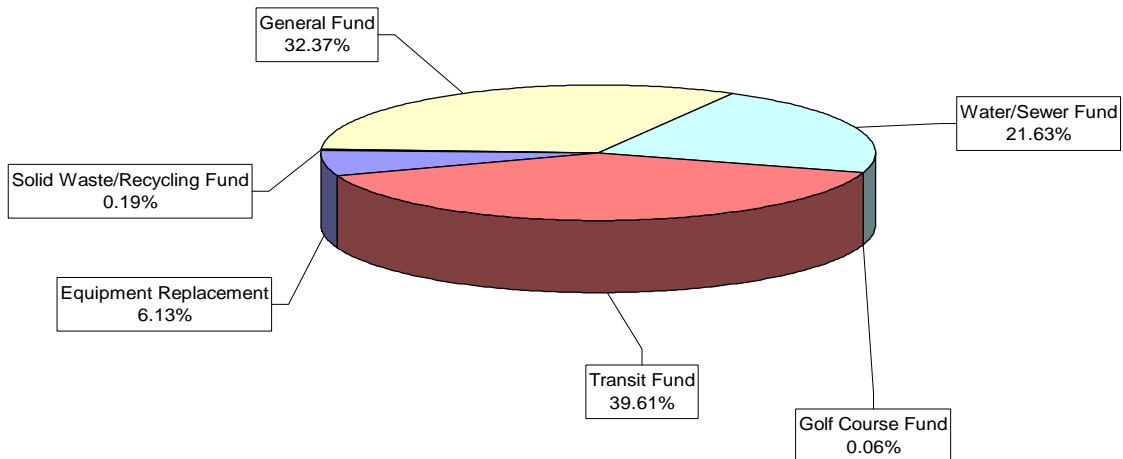


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CAPITAL IMPROVEMENT PROGRAMMING

Introduction

Capital Improvement Programming is a method of planning for the effective and efficient provision of public facilities, infrastructure improvements, major maintenance requirements, and acquisition of property and equipment. The first year of the *Recommended Capital Improvement Program* represents the Town Manager's recommendations to the Town Council as the Capital Improvement Program (CIP) budget.

A five-year CIP allows the Town Council and the citizenry an opportunity to view both the short-term capital construction and the acquisition needs of the Town of Blacksburg. Viewing the short-term needs enables the Town to better plan their financing strategy for capital improvements and annual operating requirements.

Organization of the CIP

The Town of Blacksburg's CIP is composed of three major sections. The introduction on Capital Improvement Programming provides an overview of why and how the Town's CIP is developed together with the benefits of Capital Improvement Programming.

The Financial Analysis section includes the Principles of Sound Financial Management, charts outlining five-year financial trend indicators, historical revenue and expenditure data, and projected revenue, expenditure and debt service for the CIP period.

Finally, Project Details are included by departmental areas for those projects recommended for funding in the CIP period. The General Fund departmental areas include Financial Services, Fire and Rescue, Planning and Engineering, Parks and Recreation, Police, Public Works, Technology and Town Managers Office. The other self-supporting funds include the Golf Course, Equipment Replacement, Transit, and Water and Sewer.

Legal Basis for Capital Improvement Programming

The Town of Blacksburg is required to prepare a five-year CIP pursuant to Article VI, Section 6.05 of the *Town of Blacksburg Charter*

§6.05 Capital Program

- A. Submission to Council. The Manager shall prepare and submit to the Council a five-year capital program at least three months prior to the final date for submission of the budget.
- B. Contents. The capital program shall include:
 - A clear general summary of its contents;
 - A list of all capital improvements which are proposed to be undertaken during the five fiscal years next ensuing, with appropriate supporting information as to the necessity for such improvements;
 - Cost estimates, method of financing and recommended time schedules for each such improvement; and
 - The estimated annual cost of operating and maintaining the facilities to be constructed or acquired.

The above information may be revised and extended each year with regard to capital improvements still pending or in process of construction or acquisition.

Basis for Budgeting

The first year of the CIP represents the Recommended Capital Improvement Budget for that year. Following adoption by the Town Council, the first year of the CIP should be viewed as the capital budget. Any changes to the capital budget during Council consideration of the fiscal year budget also alters the first year of the CIP. Alterations to the CIP during deliberations on the annual budget should be dependent primarily upon changed circumstances from when the CIP was originally adopted. The CIP is a proposed expenditure plan; the budget adopted by the Town Council provides the legal authorization to actually expend Town funds.

The CIP is based on a fiscal year calendar. The fiscal year calendar for the Town of Blacksburg begins July 1 and ends June 30.

Benefits of Capital Improvement Programming

The principal benefit of Capital Improvement Programming is that it requires the Town to address the problem of balancing capital improvements with available financing. This process contributes to a responsible fiscal policy. Other benefits of Capital Improvement Programming include:

- Fostering a sound and stable financial program over a five-year period given a set of revenue and expenditure assumptions based on current economic trends;
- Coordinating various Town improvements so that informed decisions can be made and joint programs initiated among Town departments in an effort to avoid duplication;
- Enabling private businesses and citizens to have some assurances as to when certain public improvements will be undertaken so they can plan more efficiently and effectively;
- Assisting in the implementation of the *Comprehensive Plan* over an extended period of time;
- Focusing on the goals and needs of the community through the provision of new facilities and infrastructure improvements;
- Evaluating annually the infrastructure needs of the Town to provide for the public health and safety of the citizens of the Town; and
- Providing a logical process for assigning priorities to the various projects based on their overall importance to the Town.

These and other advantages make the CIP a practical necessity for the Town.

Definition of a Capital Improvement Project

Capital improvements are major construction or acquisition efforts, which are non-recurring in nature. Generally, capital improvement projects are defined as follows:

- Studies pertaining to capital improvements that require the employment of outside professional consultants at a cost in excess of \$15,000;

- Construction of buildings or facilities; including design, engineering, and other preconstruction costs with an estimated cost in excess of \$15,000;
- Purchase of major equipment and vehicles, other than office and data processing equipment, valued in excess of \$15,000 with a life expectancy of five years or more;
- Major equipment or furnishings required for the utilization of new or renovated buildings; or,
- Major acquisition of land or other property.

Capital Improvement Program Submission Process

In September of each year, the Director of Finance and the Town Manager distribute instructions to Department Heads requesting projects for consideration for the next five-year CIP period (copy follows this section). Each Department Head is responsible for reviewing the most recent CIP to determine the funding necessary for projects that are currently programmed in the CIP and the Action Strategies identified in the *Comprehensive Plan* (copy follows this section). Based on this review and a review of new requirements for capital improvements for the next five-year period, the Department Head completes a Cost Estimate Detail Form, and a Project Detail Sheet.

Cost Estimate Detail Form

Department Heads are also asked to complete a Cost Estimate Detail Form to determine the estimated cost of a project. This form outlines the costs of planning and design, land acquisition, construction, and the purchase of equipment. All costs are inflated to reflect the estimated cost in the year which the project and/or purchase is anticipated to be funded.

Planning and design consists of all costs for the planning and design of a project including both preliminary and final design and engineering.

Land acquisition costs include appraisals, legal fees, survey, recordation, and property costs.

Equipment costs may include the purchase of a new or replacement vehicle or furniture and fixtures to furnish a new or renovated building. The cost of equipment should exceed \$15,000 to be considered as a Capital Improvement Project.

Department Heads are also asked to identify the source of their estimate and possible funding options or alternatives.

Project Detail Sheet

Finally, Department Heads are asked to complete a Project Detail Sheet to summarize the project which is requested for consideration. If a project is ultimately recommended by the Town Manager to the Planning Commission and Town Council for consideration, this form is used for presenting information on the project to Town Council, the Planning Commission, and the public. Included on the Project Detail Sheet is the planned source of funding for the project together with the fiscal year in which the project is expected to be funded. Also included on the Project Detail Sheet are pertinent data such as the Department administering the project, the project title, project location, project status, the project's relationship to the Town's Mission and Values and the Town Council Strategic Goals, and a description for each project.

Capital Improvement Program Schedule

September	Town Manager and Finance Director sends instructions to Department Heads
October	CIP submissions due to Executive Management Team
October	Executive Management Team (EMT) review submissions
Late October	Town Manager and EM Committee formulate Recommended CIP
Late November	Recommended CIP forwarded to Planning Commission and Town Council
Early December	Town Council and Planning Commission Sessions on Recommended CIP
Early January	Planning Commission Public Hearing and Recommendation on CIP sent to Town Council
Mid-January	Town Council Public Hearing on Recommended CIP
Late January	Town Council Adoption of CIP

Conclusion

The CIP is a document dedicated to a process designed to identify both the capital improvement needs and priorities of the Town over a five-year period in concert with projected funding levels and the Action Strategies included in the *Comprehensive Plan*. Actual programming of projects is dependent upon the fiscal resources available. Funding constraints may preempt the actual inclusion of projects in the current CIP but may be listed as priorities for funding should resources become available.

The Project Detail Sheets on the following pages reflect those projects recommended to be funded in the *Fiscal Years 2004-2008 Capital Improvement Program*.



TO: Department Heads
Larry Spencer, Town Attorney
Donna Boone-Caldwell, Town Clerk
Heather Browning, Community Relations Officer
Elaine Gill, Human Resource Manager
Matt Hanratty, Housing and Community Development Manager
Keith Bolte, Fire Chief
Sid Bingley, Rescue Chief

FROM: Steve Ross, Deputy Town Manager
Susan Kaiser, Director of Finance

SUBJECT: FY2008-2012 Capital Improvement Program

DATE: September 25, 2006

Once again, it is time for the Capital Improvement Program (CIP) process. We will meet on Wednesday, October 25, at our monthly EMT meeting to review and decide the projects to be included in the Manager's Recommended CIP.

Reminders in the CIP Process

- The instructions and forms are being sent by email and also are on the O Drive\CIP FY2008. Forms will be supplied on diskette upon request.
- Only one copy of each project will be required from each department. Also, a copy of the project should be provided on the "O drive" at O:\CIP FY 2008\Submitted Projects\<department name>, or on diskette to allow for easy changes.
- Only true capital projects will be considered for funding. All other items will be handled under the Operating Budget. Please estimate any of these non-capital project purchases that are to be included in the operating budget at this time so that we can begin planning for these expenses.
- Remember to include requests for all capital projects even if they will be funded by grants or if they are continuing projects such as Building Maintenance funds.
- Remember to include the operating impact of capital projects so they can be considered during the operating budget process.

Guidelines and Forms

The FY2008-2012 guidelines and forms are attached for use in preparing your CIP submissions:

- **Project Detail Form:** Must be submitted for every project. Includes a total project estimate, description of the project and source of funding. Please use the format on the O Drive, as this form will be published in the document submitted to Town Council.
- **Cost Estimate Detail Form:** This optional form includes an inflation factor, source of estimate and possible funding options or funding alternatives. If this form is not submitted, please submit supporting information to justify the project cost estimate.
- **Estimated New Annual Operating Costs:** This optional form Includes the impact of a new project relative to additional positions and related personnel costs, operating costs including capital equipment. This form only needs to be completed if there are new operating costs associated with the project or the project will reduce operating costs. Most capital projects will impact operating costs, so please complete this form. It will be given to departments as part of the operating budget.

Deadline for Submissions

The deadline for submissions of proposed projects is **Wednesday, October 18, 2006** to Susan Kaiser, Director of Finance.

Capital Improvement Program Guidelines

Definition of a Capital Improvement

Capital Improvements are major construction or acquisition efforts that are nonrecurring in nature. Generally, capital improvement projects are defined as follows:

1. Studies pertaining to capital improvements that require the employment of outside professional consultants at a cost in excess of \$15,000.
2. Construction of buildings or facilities, including design, engineering and other pre-construction costs with an estimated cost in excess of \$15,000.
3. Purchase of major equipment and vehicles valued in excess of \$15,000 with a life expectancy of five years or more.
4. Major equipment or furnishings required for the utilization of new or renovated buildings.
5. Major acquisition of land or other property.

Capital Improvement Program Submission Process

The Capital Improvement Program is designed as a budget document for the first year of the five-year plan and as a planning document for the remaining four years of the plan.

Each Department Head is responsible for reviewing the most recent Capital Improvement Program to determine the funding necessary for projects that are currently programmed in the Five-Year Capital Improvement Program. Based on this review and a review of new requirements for capital improvements for the next five-year period, the Department Head will complete a **Project Detail Sheet**.

Project Detail Sheet

The **Project Detail Sheet** is used to summarize the project that is requested for consideration. If the CIP Committee ultimately recommends a project to the Town Council for consideration, this form is used for presenting information on the project to Council and the public.

Department:	Department requesting funding for the project.
Project Title:	Brief title of the proposed project.
Project Location:	Street address or general location of proposed project. If the location is not known, this should say "To Be Determined".
Project Status:	Indicate whether the project is a new project or currently in progress. The project is defined as "New" if it is the first year that the project is in the CIP. The project is "In Progress" if it is currently programmed in the CIP.
Description and Justification:	This information should include a brief description of the project including such things as the size of the facility (square feet) or infrastructure improvement (linear feet), the kind of vehicle to be purchased, the number of facilities to be improved, the names of the facilities to be improved, and the constituency to be served by the project. A brief justification of the project should also be included.

Planned Financing
of Project:

The planned financing of the project should mirror the cost estimate identified on the optional **Cost Estimate Detail Form** or the cost estimate information provided. The Source of Funds should be identified. The sum of Prior Allocation, 2007/2008 - 2011/2012, and Future Years must add to the Total Project Estimate.

Prior Allocation:

Can be found on most recent project printouts included with the instructions.

Conclusion

The intent this year is to make the CIP process as painless as possible. Hopefully the above instructions will provide you with the guidance you need to submit the necessary information to evaluate the merits of the projects. If you have any questions regarding the process, please contact the Deputy Town Manager.

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department:

Project Title:

Project Location:

Project Status:

Description and Justification:

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Total									

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

COST ESTIMATE DETAIL SHEET

Department:

Project Title:

Total Costs Current Dollars

A. Planning, Engineering and Design	
B. Land Acquisition	
C. Construction (Sum of 1,2,3 below)	
1. Construction Cost	
2. Construction Contingency 5% New Construction x Construction Cost 10% Renovation x Construction Cost	
D. Equipment (Furnishings, Vehicles, etc.)	
E. Consultant Study	
F. Inflation (1 + 2 x .02) (per year)	
Total Project Estimate	

Source of Estimate:

Funding Options/Alternatives:

Project Submitted: _____

Estimated New Annual Operating Expenses (if any):

Additional Positions (F/T)	
Additional Positions (P/T)	
Capital Equipment	
Operating Costs Excluding Capital Equipment	
Total Costs	
Anticipated Revenue	
Net Costs	

Departments Impacted:

Explanation:

CAPITAL IMPROVEMENT PROGRAM

Prior Allocation	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11	Submitted 2011/12	Recommended 2011/12
General Fund										
<i>Finance Department:</i>										
AS400 Hardware Contingency	125,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
AS400 Peripheral Equipment Replacement	50,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
AS400 Software Development Fund	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Subtotal	235,000	75,000	25,000	75,000	-	75,000	-	75,000	75,000	25,000
<i>Fire Department:</i>										
New Generator for Station III	75,000									
Subtotal	-	75,000	-	-	-	-	-	-	-	-
<i>Rescue:</i>										
Confined Space Rescue Equipment	22,871									
Opticom Lights	50,000	25,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Replacement of Progress Street Station	62,500		962,500		2,493,750		350,000			
Town Radio Voter System	25,000	25,000								
Cardiac Monitors/Defibrillators			120,000		120,000		120,000		120,000	120,000
Subtotal	-	160,371	50,000	1,132,500	-	2,663,750	-	400,000	120,000	170,000
<i>Parks and Recreation Department:</i>										
Baseball/Softball Dugouts	17,500	17,500								
Construction Documents (Nature Center)			160,000							
Construction Documents for Outdoor Aquatic Facility			632,000							
Dog Park			35,000							
Greenways	100,000	75,000	100,000							
Huckleberry Trail Extension			150,000	150,000						
Land Acquisitions										
Meeting Room/Training Room Addition										
Mobile Stage (Showmobile)	100,000						100,000			
New Fitness Center	150,000						163,500			
Outdoor Aquatic Facility								100,000		
Passenger Van for Senior Trip Program	60,000						7,925,400			
Playground & Park Equipment Depreciation Fund	46,141	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Restroom Replacement in Parks	80,000		50,000	50,000						
Restrooms			40,000	40,000	45,000					
Shelter Replacement	92,600	64,670								
Sidewalks-Corridor Committee			750,000							
Therapy Pool Addition										
Water Slide	28,646									
New Community Center										
Subtotal	126,141	563,746	172,170	1,932,000	240,000	60,000	15,000	8,203,900	115,000	8,920,000
<i>Planning and Engineering:</i>										
Aerial Mapping			50,000		20,000		50,000	20,000		
Airport Rd/Country Club Dr/Hubbard St Traffic Safety Improvements		709,314		372,500			337,000			
Document Management & Imaging Solution		59,164								
Major Street Improvements		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Neighborhood Enhancement Grant Program			10,000		10,000		10,000		10,000	10,000
Storm Water 1998 Study - Town Wide Management Ponds	73,000	250,000		150,000	121,000		210,000		140,000	
Storm Water Projects		306,600								
Storm Water MS-4 Compliance (EPA NPDES Phase II Program)		46,800	46,800							
Storm Water Management Best Practice Study		50,000	50,000							
Subtotal	73,000	1,521,878	196,800	310,000	472,500	251,000	487,000	320,000	120,000	250,000
<i>Police Department:</i>										
New Vehicle		21,780								
Police Communications System	177,335	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Police Tactical Command Vehicle		250,000								
Police Vehicle Digital Video Recording System		76,000	76,000	32,000	32,000	32,000	16,000	64,000	16,000	32,000
Traffic Committee and Neighborhood Traffic Control Program (NTCP)	25,000	25,000	25,000	25,000	25,000	25,000	11,925	25,000	25,000	25,000
Subtotal	202,335	402,780	131,000	87,000	-	87,000	41,925	71,000	94,000	71,000
<i>Public Works Department:</i>										
Cemetery Reception/Service Building		50,000		474,000						
Curb, Gutter, and Sidewalk Replacement				39,928						
Emergency Preparedness Equipment		17,450	13,950	19,800	33,760	33,760	34,320	41,705	43,200	56,755
Major Facilities Repair		45,000	45,000	55,000						
Municipal Building Electrical Service Upgrade										
Old Town Hall Renovation	60,000	40,000			20,000		180,000			

Recommended
CAPITAL IMPROVEMENT PROGRAM

Prior Allocation	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11	Submitted 2011/12	Recommended 2011/12
Parking Meter Replacement					37,500		37,500		18,000	
Parks & Landscape Division Storage Building Addition					32,800					
Radio Communication Upgrade					11,000	11,000		11,000		
Rental Property Maintenance					15,000	15,000		15,000		
Roof Replacement and Energy Upgrade	15,000	15,000	15,000	15,000					15,000	15,000
Storage Building for Town Decorations			40,000				40,000		60,000	140,000
Storm Drainage Improvements					12,000					
Streets Division Storage Building Addition					30,000					
Town Garage Renovations					28,000					
Town Garage Renovations					15,000		15,000		15,000	
Traffic Signal Cabinet Upgrades	36,000	18,000	18,000							18,000
Traffic Signal Emergency Power Supply		45,000	45,000		45,000	45,000		45,000	45,000	135,000
Traffic Signal Equipment Replacement	27,000	17,000	17,000		17,000				17,000	34,000
Traffic Signal Head Replacement	44,000	24,000								
Traffic Signal Replacement			169,000		120,000	120,000		120,000	120,000	120,000
Transfers to Building Systems Depreciation Fund	47,874	47,874	47,874	47,874	47,874	47,874	47,874	47,874	47,874	47,874
Transfers to Equipment Depreciation Fund	631,419	631,419	631,419	631,419	631,419	631,419	631,419	631,419	631,419	631,419
Used Vehicle and Equipment Replacements			50,000				65,000	30,000	20,000	20,000
Subtotal	167,000	950,743	857,243	1,622,021	863,293	1,126,353	1,259,113	941,998	1,032,493	1,303,048
<i>Technology Department:</i>										
Fiber Optic Network Expansion/Conduit for Town of Blacksburg										
Microsoft Software	139,877	50,000						50,000		
Prices Fork Mountain Radio Town Building Replacement		37,500								
SAN - Storage Area Network/Network Virtualization	75,000	15,000								
Technology Replacement	644,154	105,000	105,000		75,000	75,000	105,000	75,000	105,000	75,000
Subtotal	859,031	282,500	157,500	105,000	75,000	75,000	105,000	125,000	105,000	180,000
<i>Town Manager:</i>										
Downtown Improvements: College Avenue Promenade	903,500		750,000							
Downtown Improvements: Draper Road Improvements					260,000		800,000	260,000	700,000	1,280,000
Downtown Improvements: Façade Improvement Grants	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Downtown Improvements: Farmers Market Improvements			20,000		100,000			120,000		
Downtown Improvements: Roanoke Street Improvements			100,000					100,000		
Downtown Improvements: South Main Street Streetscape			68,500	68,500	68,500	781,500		920,000		
Municipal Complex Expansion and Town Hall Renovations		2,100,000	50,000	50,000	1,260,000	161,500				
North Main Street Betterment Costs			500,000	500,000						
Odd Fellows Hall Final Design and Construction Drawings	40,000									
Odd Fellows Hall Roof Replacement	28,050	28,050								
Television Production Facilities for Doc Roberts Meeting Room	100,000									
Wayfinding Signage System	35,000	75,000	75,000	40,000	40,000					
Subtotal	938,500	2,368,050	2,228,050	1,485,000	1,433,500	1,713,500	968,000	1,425,000	725,000	1,305,000
Total General Fund Projects										
	2,601,007	6,400,068	3,817,763	6,748,521	3,084,293	6,081,603	11,259,013	2,940,998	11,243,493	3,195,048
Water/Sewer Fund										
<i>Finance Department:</i>										
Meter Maintenance and Replacement	167,526	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Radio Read Vehicle Transceiver Unit Replacement/Upgrade	21,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000
Subtotal	188,526	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
<i>Planning and Engineering:</i>										
Coal Bank Ridge Water Storage Facility					104,848	104,848	911,087	911,087		
IDSE/Stage 2 DBP Program	30,000	40,800	40,800							
New Vehicle		27,484	27,484							
Sewer Capacity Centralized Data Acquisition System		32,500	66,100	32,500	66,100	66,100	66,100	66,100		
Shenandoah 1 Sewer Pump Station Condition Upgrade		70,000	112,000	112,000	575,000	575,000				
Water Storage Facility	95,000	1,845,506	1,845,506							
Water System Upgrades		178,880	178,880	198,000	115,074	115,074	155,277	155,277		
Waterline Extension	113,000	895,818								
Subtotal	238,000	3,090,988	2,162,670	375,880	342,500	861,022	1,086,364	1,132,464	-	-
<i>Public Works Department:</i>										
Electrical Service Upgrade		90,000	90,000							
Env. Management Program Sanitary Sewer Inflow & Infiltration Abatement		250,000		250,000	250,000	250,000			250,000	
New Equipment Purchase - Compact Excavator		50,000	50,000							
Radio Communication Upgrade					5,500	5,500	5,500	5,500		

Recommended
CAPITAL IMPROVEMENT PROGRAM

Prior Allocation	Submitted 2007/08	Recommended 2007/08	Submitted 2008/08	Recommended 2008/08	Submitted 2008/09	Recommended 2008/09	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11	Submitted 2011/12	Recommended 2011/12
Transfers to Equipment Depreciation Fund	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974
Utility Division Building Addition														
Water Main Replacements	83,160	83,160	83,160	64,400	64,400	64,400	64,400	64,400	82,600	82,600	56,000	56,000	27,720	27,720
Subtotal	-	607,134	357,134	448,374	448,374	448,374	514,674	472,074	445,474	195,474	411,694	161,694		
Total Water/Sewer Fund Projects	426,526	3,730,122	2,551,804	856,254	822,874	1,407,696	1,365,096	1,359,938	443,694	193,694				
Golf/Swimming Pool Fund														
Transfers to Equipment Depreciation Fund														
Total Golf/Swimming Pool Fund Projects	-	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690	10,690
Transit Fund														
Transit Facility Construction	4,400,000	100,000	100,000	10,000,000	10,000,000	10,000,000								
Blacksburg Transit Multimodal Facility	650,000													
Town of Christiansburg-Fixed Route Bus Replacement		665,600	665,600											
Corporate Research Center Fixed Route Bus Expansion		332,800	332,800											
Radio Replacement and Expansion Program	8,210	880	880	896	896	896	3,648	3,648	928	928	944	944	944	944
Shelter, Amenities, and Bike Rack Replacement and Expansion Program	55,230	15,830	15,830	16,148	16,148	16,148	16,463	16,463	16,780	16,780	17,096	17,096	17,096	17,096
Technology Replacement and Expansion Program	85,481	24,200	24,200	120,960	120,960	120,960	33,060	33,060	25,520	25,520	25,960	25,960	25,960	25,960
Town of Blacksburg -BT Access Bus Replacement	761,900			68,900	68,900	68,900					72,800	72,800	72,800	72,800
Training Simulator		285,000	285,000											
Maintenance Cost Program	160,000	65,500	65,500	50,000	50,000	50,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000
Vehicle Replacement	126,500	71,760	71,760	46,640	46,640	46,640	57,240	57,240			126,560	126,560	126,560	126,560
Town of Blacksburg-Fixed Route Bus Replacement	14,006,397	2,040,800	2,040,800	2,812,000	2,812,000	2,864,600	2,864,600	2,864,600	1,099,200	1,099,200	2,611,400	2,611,400	2,611,400	2,611,400
Commercial District Trolley Service-Fixed Route Bus Expansion		1,045,200	1,045,200	355,100	355,100									
Trip Planner	53,080	25,000	25,000											
Total Transit Fund Projects	20,306,798	4,672,570	4,672,570	13,470,644	13,470,644	13,470,644	3,025,011	3,025,011	1,217,428	1,217,428	2,929,760	2,929,760	2,929,760	2,929,760
Equipment Replacement Fund														
Major Equipment Purchase		752,000	752,000	485,000	485,000	485,000	732,000	732,000	546,000	546,000	752,000	752,000	752,000	752,000
Total Equipment Replacement Fund Projects	-	752,000	752,000	485,000	485,000	485,000	732,000	732,000	546,000	546,000	752,000	752,000	752,000	752,000
Major Building System Replacement Fund														
Major Building System Replacement		3,500	3,500	51,000	51,000	51,000			26,000	26,000	105,000	105,000	105,000	105,000
Total Major Building System Replacement Fund Projects	-	3,500	3,500	51,000	51,000	51,000	-	-	26,000	26,000	105,000	105,000	105,000	105,000
Solid Waste/Recycling Fund														
Transfers to Equipment Depreciation Fund		22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952
Used Vehicle and Equipment Replacements							20,000	20,000						
Wheeled Residential Recycling Carts				15,000	15,000	15,000			15,000	15,000			15,000	15,000
Total Solid Waste/Recycling Fund Projects	-	22,952	22,952	37,952	37,952	37,952	57,952	42,952	37,952	22,952	37,952	22,952	22,952	22,952
Grand Total	23,334,331	15,591,902	11,831,279	21,660,061	17,947,453	11,314,952	7,621,727	14,640,921	6,124,006	15,522,589	7,209,144			

Financial Analysis

As an aid to comprehensive financial planning, this section examines both historical and projected revenues and expenditures of the Town. This section also includes the "Principles of Sound Financial Management". A series of financial trend indicators are included to provide a gauge for evaluating the Town's financial condition.

Projected revenues and expenditures are based on assumptions given current economic trends, historical growth and anticipated State funding levels. Also included are tables reflecting the Town's debt service obligation and those obligations relative to total General Fund expenditures.

Town of Blacksburg

Principles of Sound Financial Management

Introduction

These principles set forth the broad framework for overall fiscal planning and management of the Town's resources. In addition, these principles address both current activities and long-term planning. Every two years, following a Council election, these principles will be reviewed to assure the highest standards of fiscal management.

Overall Goals

The financial goals of the Town of Blacksburg are designed to ensure the Town's sound financial condition at all times.

1. **Sound Financial Condition** may be defined as:
 - ✓ Cash Solvency - The ability to pay bills.
 - ✓ Budgetary Solvency - The ability to annually balance the budget
 - ✓ Long Term Solvency - The ability to pay future costs
 - ✓ Service Level Solvency - The ability to provide needed and desired services.
2. **Flexibility** is a goal that ensures that the Town is in a position to react and respond to changes in the economy and new service challenges without measurable financial stress.
3. **Adherence to Best Accounting and Management Practices** in conformance with generally accepted accounting procedures as applied to governmental units, and the standards of the Governmental Accounting Standards Board and the Government Finance Officers Association (GFOA).

Financial Principles

1. **A balanced budget** should be prepared annually by the Town Manager and forwarded to the Town Council for consideration.
2. **Ongoing operating costs** should be funded by ongoing revenue sources. This protects the Town from fluctuating service levels and avoids concern when one-time revenues are reduced or removed. In addition:
 - a. **Cash balances** should be used only for one-time expenditures, such as land acquisition, capital improvements and capital equipment or special one-time expenditures.
 - b. **Federal grants** should not financially support essential Town services. Federal grant monies should be tied to programs and services with the understanding that those services delivered with grant funding may be revised and altered based on grant funding availability.
 - c. **New operating costs associated with capital projects** should be funded through the operating budget but identified and outlined in the capital improvement program.
 - d. **Revenue related to the lease of the Armory** should be dedicated to capital improvement projects related to parks and recreation enhancements with emphasis on youth programming.

3. The Town Manager should forward to the Town Council a quarterly financial report identifying meaningful trends in both revenues and expenditures for all major funds.
4. Department Heads are responsible for managing departmental budgets within the total appropriated budget.
5. Replacement of Town vehicles, including Fire and Rescue vehicles, should be funded through the Equipment Replacement Fund.
6. Financial Trend Indicators should be prepared and reviewed annually to determine the Town's financial condition. Town Council will review these indicators prior to the development of the Capital Improvement Program and annual operating budget. The Financial Trend Monitoring System (FTMS) offers the following:
 - a. A method for quantifying a significant amount of information in relatively simple terms to gain better understanding of the Town's financial condition;
 - b. Places the events of a single year into a longer perspective and permits the Town to evaluate trends; and,
 - c. A straightforward picture of financial strength and weaknesses.
7. General Fund *Undesignated Fund Balance* should be targeted at no less than 10% of operating expenditures exclusive of capital improvement and debt service expenditures. *Bond Proceeds should be deposited and budgeted into the Capital Project Funds.*
8. Debt service should be generally targeted at 10% and not exceed 15% of operating expenditures exclusive of capital improvement and debt service expenditures.
9. A five-year financial forecast should be developed annually to determine net capital financing potential, to react to changes in the economy, and to accommodate regulatory and legislative mandates.
10. Investment practices should be in accordance with the Town's Investment and Portfolio Policy. The Investment and Portfolio Policy should be reviewed by Town Council every two years.
11. The Town shall annually prepare a Comprehensive Annual Financial Report and should seek recognition from the GFOA by applying for and receiving the organization's Certificate of Excellence in Financial Reporting. In addition, the Town should seek recognition by applying for and receiving the GFOA Distinguished Budget Presentation Award.
12. The Town operates four enterprise funds: Water and Sewer, Solid Waste and Recycling, Golf Course and Transit. Enterprise Funds should be self-sufficient. They should include a reserve of at least three months expenditures for operations and maintenance. Enterprise Funds should be charged for indirect administrative costs performed by other Town departments. Revenue should be sufficient to fund operations, capital improvements, equipment replacement and department service.
13. To maintain the integrity of the Water and Sewer Fund the following goals should be achieved:
 - a. Maintain a cash balance in the Water and Sewer Fund at a target of six months expenditures for operations and maintenance of the systems plus 3% of fixed assets for a renewal and replacement reserve.
 - b. Maintain a ratio of Net Revenues (Revenues less Operations not including Depreciation) of at least 1.15x debt service requirements.

14. User fees for all operations should be reviewed annually to ensure rates are market competitive and defray operating costs. In the case of Enterprise Funds and Internal Service Funds, fees should be reviewed annually to ensure that revenues generate sufficient funds to cover the total cost of services.
15. A five-year capital improvement program should be prepared each year at least three months prior to the submission of the budget.
16. The Town should maintain a bond rating of no less than "A3" from Moody's Investors Service and "A-" from Standard and Poor's. Bonds which are rated in the "A" categories possess many favorable attributes and are to be considered as upper medium grade obligations. Factors giving security to principal and interest are considered adequate, but elements may be present which suggest a susceptibility to impairment some time in the future. (Note: The Town is currently rated A1 by Moody's Investors Services and A+ by Standard and Poor's –October, 2002)

Principles of Sound Financial Management

Adopted by Town Council: **April 23, 1996**

Revised by Town Council: **July 14, 1998**

Revised by Town Council: **August 24, 2004**

INDICATOR 1

Revenues per Capita

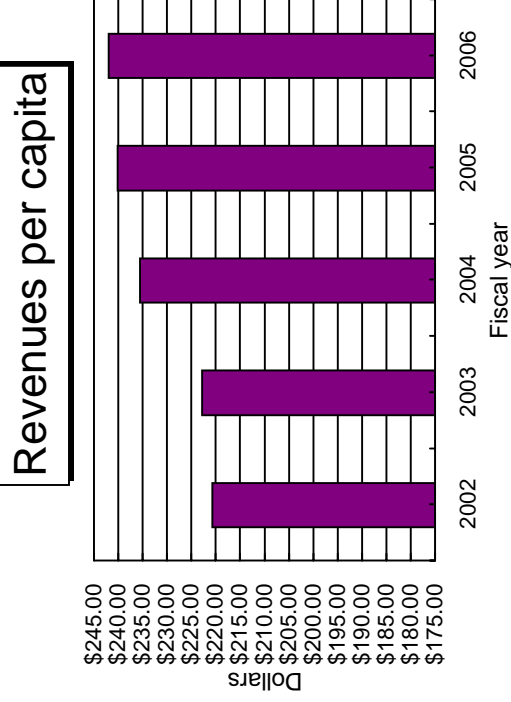
Warning Trend:

Decreasing net operating revenues per capita (constant dollars)

Formula:

Net operating revenues & transfers (constant dollars)

Population



Fiscal year:	2002	2003	2004	2005	2006
Net operating revenues and transfers	\$15,214,022	\$15,869,694	\$17,503,179	\$18,634,629	\$20,038,432
Consumer price index	171.1	174.3	179.7	186.7	196.9
Net operating revenues & transfers (constant dollars)	\$8,891,889	\$9,104,816	\$9,740,222	\$9,981,055	\$10,176,959
Current population	40,294	40,868	41,358	41,558	42,057
Net operating revenues & transfers per capita (constant dollars)	\$220.68	\$222.79	\$235.51	\$240.17	\$241.98

Analysis:

Examining per capita revenues shows changes in revenues relative to changes in population size and rate of inflation (Consumer Price Index for Urban Wage Earners/Clerical with base years 1982-1984 equal to 100). FY 2004 reflects a full year of the 2003 reassessment as well as the increase in the meals tax and cigarette tax rates. FY 2006 indicates the stability of the economy especially in economic sensitive areas such as meals taxes, sales taxes and business licenses and the CDBG Block and Entitlement Revenues.

INDICATOR 2

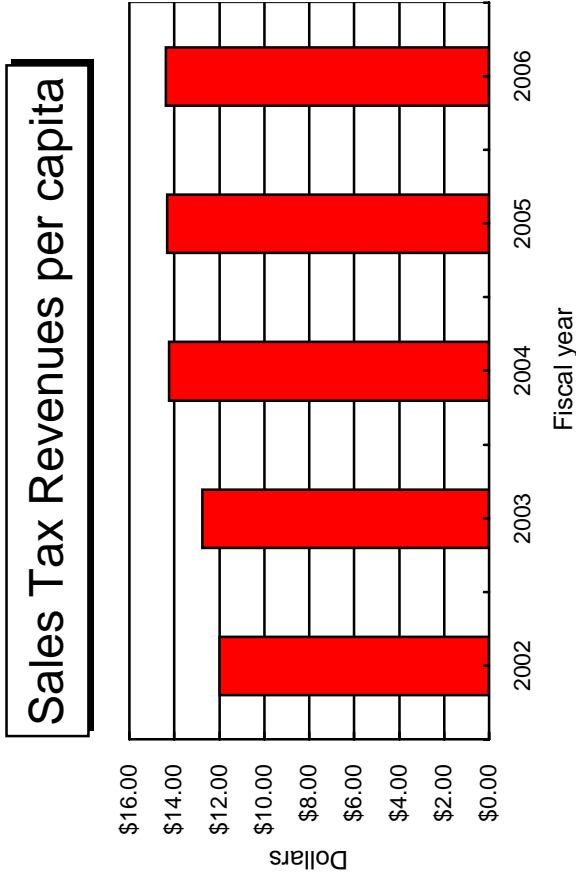
Sales Tax Revenues Per Capita

Warning Trend:

Decreasing net sales tax revenues per capita
(constant dollars)

Formula:

$$\frac{\text{Net Sales Tax Revenues (constant dollars)}}{\text{Population}}$$



Fiscal year:	2002	2003	2004	2005	2006
Net Sales Tax Revenues	\$826,243	\$907,802	\$1,057,578	\$1,111,467	\$1,189,761
Consumer price index	171.1	174.3	179.7	186.7	196.9
Net Sales Tax Revenues (constant dollars)	\$482,901	\$520,827	\$588,524	\$595,322	\$604,246
Current population	40,294	40,868	41,358	41,558	42,057
Net Sales Tax Revenues per Capita (constant dollars)	\$11.98	\$12.74	\$14.23	\$14.33	\$14.37

Analysis:

Sales Tax is a major revenue category for the Town and is an indicator of the strength of the regional economy. FY 2004 thru FY 2005 reflects a slight increase in school age children as well as the improvement of the economy.

Basis for Distribution:

One percent of the State sales tax collected in Montgomery County is returned by the Commonwealth to Montgomery County. From this 1%, the County receives an automatic 50% and the remaining 50% is allocated, using school age population in the incorporated towns and in the surrounding County as the basis for distribution. There are three localities sharing in the one-half of one percent: Blacksburg, Christiansburg and Montgomery County.

INDICATOR 3

Meals Tax Revenues Per Capita

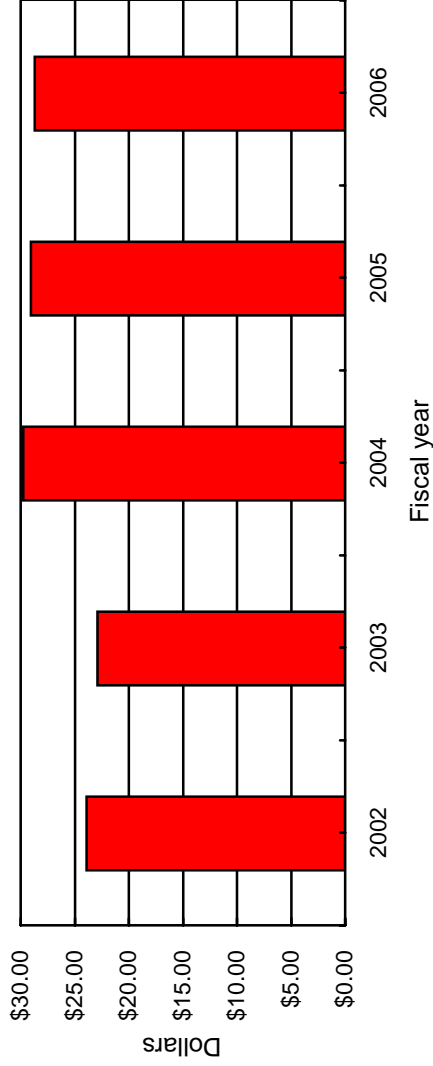
Warning Trend:

Decreasing meals tax revenues per capita
(constant dollars)

Formula:

$$\frac{\text{Meals Tax Revenues (constant dollars)}}{\text{Population}}$$

Meals Tax Revenues per capita



Fiscal year:	2002	2003	2004	2005	2006
Meals Tax Revenues	\$1,647,795	\$1,630,302	\$2,211,459	\$2,254,213	\$2,375,928
Consumer price index	171.1	174.3	179.7	186.7	196.9
Meals Tax Revenues (constant dollars)	\$963,060	\$935,343	\$1,230,639	\$1,207,399	\$1,206,667
Current population	40,294	40,868	41,358	41,558	42,057
Meals Tax Revenues (constant dollars)	\$23.90	\$22.89	\$29.76	\$29.05	\$28.69

Analysis:

The changes in FY 2002-2006 illustrates the economy and the strenght of Tech home football schedule. FY 2003 reflects Tech home football schedule and the number of weeknight games and early Saturday games as well as the impac of the bypass. The increase in FY 2004 reflects the raise in the tax rate from 4% to 5%. The decreases in FY 2005-2006 reflects the decrease in restaurant receipts in the Town.

INDICATOR 4

Intergovernmental Revenues

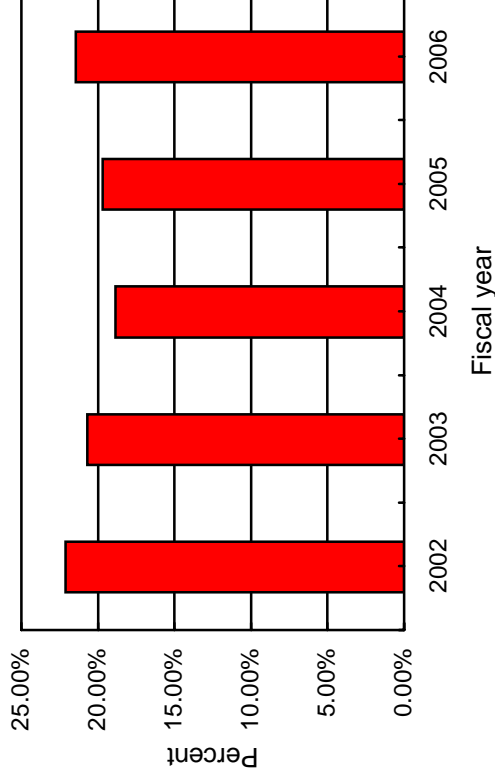
Warning Trend:

Decreasing amount of intergovernmental revenues as a percentage of gross operating revenues

Formula:

Intergovernmental operating revenues
Gross operating revenues

Intergovernmental Revenues



Fiscal year:	2002	2003	2004	2005	2006
Net Intergovernmental Revenues	\$3,365,800	\$3,285,855	\$3,300,739	\$3,670,464	\$4,297,039
Gross Operating Revenues	\$15,214,022	\$15,869,694	\$17,503,179	\$18,634,629	\$20,038,432
Intergovernmental Revenues as a Percent of Gross Operating Revenues	22.12%	20.71%	18.86%	19.70%	21.44%

Analysis:

Intergovernmental revenues over the five-year period have remained relatively stable from FY 2002-FY 2006. The increases in FY 2003 and FY 2004 is due to increases in Highway Maintenance funds. The increase in FY 2005 and FY 2006 is due to the CDBG Block Grant and Entitlement funds. This area of revenue collection bears close scrutiny given the current economy.

INDICATOR 5

Property Tax Revenues

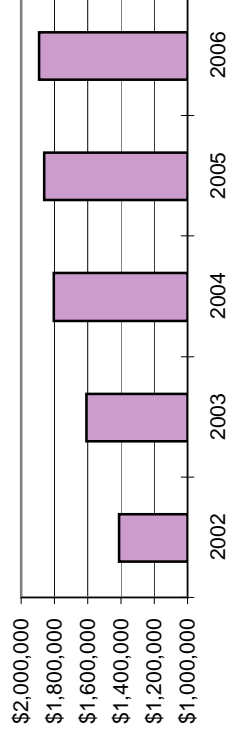
Property Tax Revenue

Warning Trend:

Decline in property tax revenues (constant dollars)

Formula:

Property Tax revenues
(constant dollars)



Fiscal year:	2002	2003	2004	2005	2006
Property Tax Revenues	\$2,415,624	\$2,802,989	\$3,238,721	\$3,474,486	\$3,723,974
Consumer Price Index	171.1	174.3	179.7	186.7	196.9
CPI Converted to Decimal	1.711	1.743	1.797	1.867	1.969
Net Property Tax Revenues (constant dollars)	\$1,411,820	\$1,608,141	\$1,802,293	\$1,860,999	\$1,891,302

Analysis:

Trends indicate that real estate tax revenues are generally stronger than inflation.

INDICATOR 6

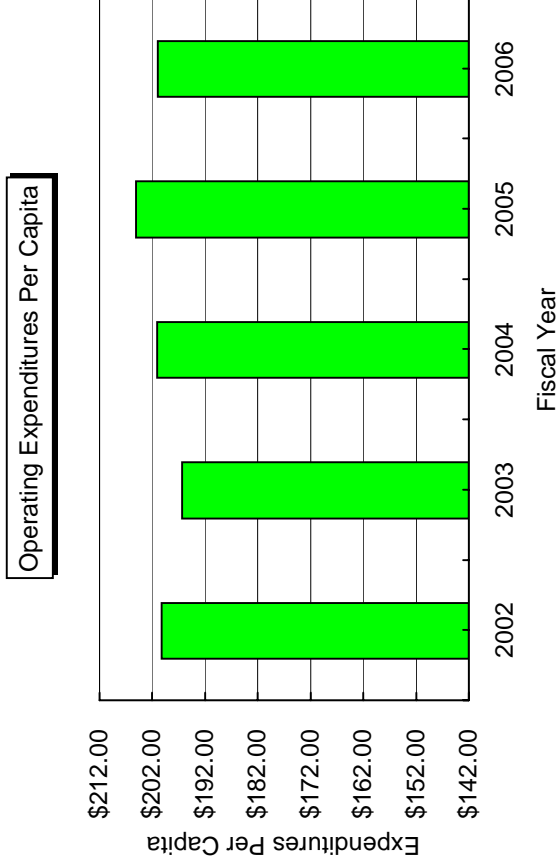
Expenditures per Capita

Warning Trend:

Increasing net operating expenditures per capita
(constant dollars)

Formula:

$$\frac{\text{Net operating expenditures (constant dollars)}}{\text{Population}}$$



Fiscal year:	2002	2003	2004	2005	2006
Net operating expenditures	\$13,801,445	\$13,985,927	\$14,940,592	\$15,909,652	\$16,645,108
Consumer price index	171.1	174.3	179.7	186.7	196.9
Net operating expenditures (constant dollars)	\$8,066,303	\$8,024,055	\$8,314,186	\$8,521,506	\$8,453,585
Estimated population	40,294	40,868	41,358	41,558	42,057
Net operating expenditures per capita (constant dollars)	\$200.19	\$196.34	\$201.03	\$205.05	\$201.00

Analysis:

Per Capita Expenditures per 2005 Comparative Cost Report:
(No education or Welfare)

Montgomery County
Roanoke County
Roanoke City
Radford City

Blacksburg
Christiansburg
Wytheville
Leesburg
Herndon
Vinton
Pulaski

\$434
\$901
\$929
\$1,064
\$1,142
\$714
\$639

INDICATOR 7

Employees Per Capita

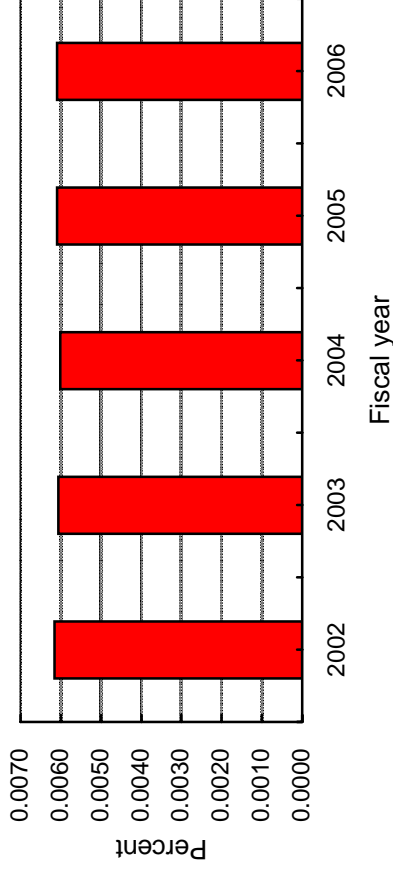
Warning Trend:

Increasing number of municipal employees per capita.

Formula:

$$\frac{\text{Number of municipal employees}}{\text{Population}}$$

Number of Full-Time Municipal Employees Per Capita



Fiscal year:	2002	2003	2004	2005	2006
Number of full-time municipal employees	248	248	249	253	256
Current population	40,294	40,868	41,358	41,558	42,057
Number of full-time municipal employees per capita	0.0062	0.0061	0.0060	0.0061	0.0061

Analysis:

This indicator compares the number of full-time employees to the population. The number of employees has remained relatively constant over the five-year period with increases over the past four years. This reflects the conversion of part-time employees to full-time status to more efficiently cover service areas. Municipal employees include all full-time personnel contained in the General Fund, Equipment Operations, Golf Course, Waste Management, Blacksburg Transit (not including bus operators) and Water and Sewer Funds.

INDICATOR 8

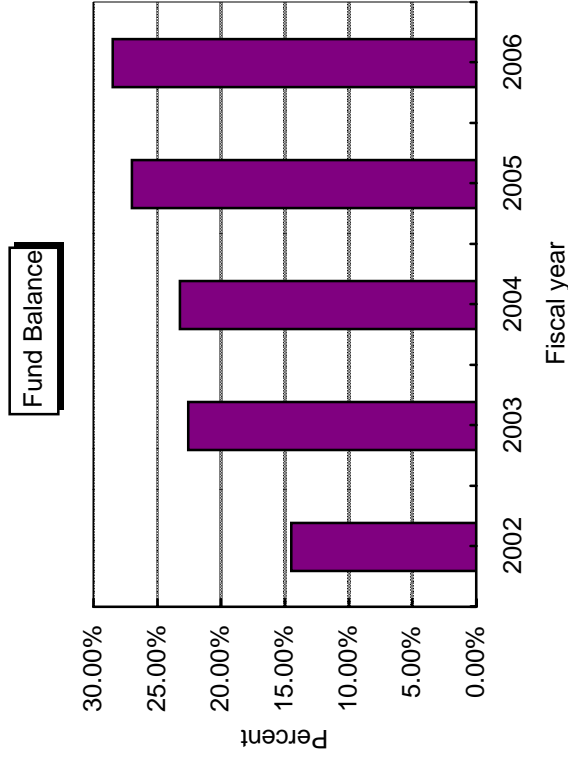
Fund Balances

Warning Trend:

Declining unreserved fund balances as a percentage of net operating expenditures.

Formula:

$$\frac{\text{Unreserved fund balances}}{\text{Net operating expenditures}}$$



Fiscal year:	2002	2003	2004	2005	2006
Unreserved General Fund Balance	\$1,999,469	\$3,154,001	\$3,470,528	\$4,295,975	\$4,742,963
Net Operating Expenditures	\$13,801,445	\$13,985,927	\$14,940,592	\$15,909,652	\$16,645,108
Unreserved General Fund Balance as a					
Percentage of Net Operating Expenditures:	14.49%	22.55%	23.23%	27.00%	28.49%

Analysis:

Through prudent direction by the Town Council, the trend of a declining fund balance in the late 1980's was reversed in the early 1990's. This indicator reflects the Town's capacity to deal with the unexpected or emergency situations. Town Council policy is to target a minimum undesignated fund balance equal to 10% of net operating expenditures. The declines in fund balance, while still maintaining the Town Council policy, are due to the use of fund balance for one-time capital purchases. The increases are due to the receipt of bond proceeds.

INDICATOR 9

Long-term Debt

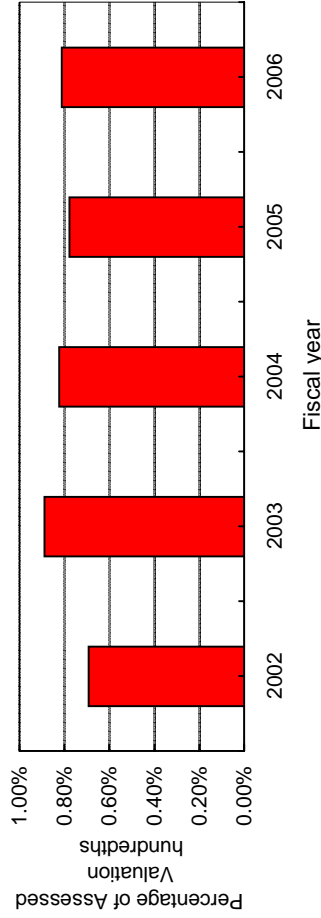
Warning Trend:

Increasing net direct bonded long-term debt as a percentage of assessed valuation.

Formula:

Net direct bonded long-term debt
Assessed Valuation

Long-Term Debt as a Percentage of Assessed Valuation



Fiscal year:	2002	2003	2004	2005	2006
Assessed Valuation	\$1,212,050,210	\$1,586,867,200	\$1,621,977,314	\$1,671,501,399	\$1,708,979,445
Net Direct Long-term General Fund Debt	\$8,394,612	\$14,102,270	\$13,360,402	\$13,006,198	\$13,864,781
Net Direct Long-term Debt as a Percentage of Assessed Valuation	0.69%	0.89%	0.82%	0.78%	0.81%

Analysis:

The State mandated legal maximum debt the Town may incur is 10% of assessed valuation. Low debt percentages are an indication of a locality's ability to finance future bond issues coupled with the indicator that measures net debt against net operating revenues. The Town is well within the legal debt maximum of 10% of assessed real estate valuation. The increase in FY 2003 is due to the \$6,300,000 general obligation bond.

INDICATOR 10

Capital Outlay

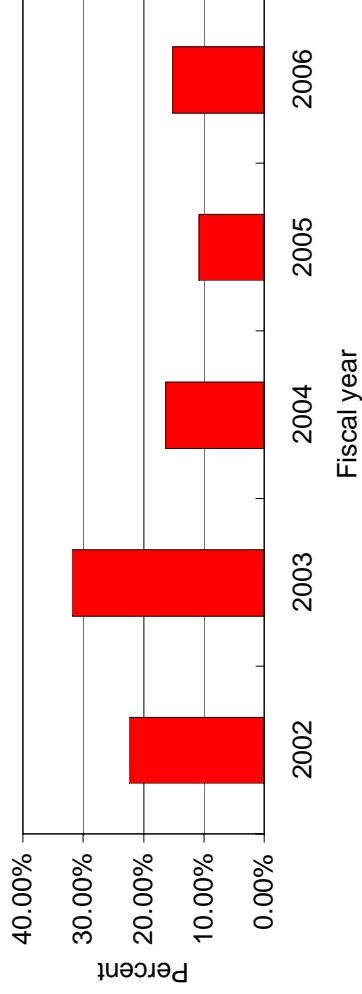
Warning Trend:

A three or more year decline in capital outlay as a percentage of net operating expenditures

Formula:

$$\frac{\text{Capital outlay}}{\text{Net operating expenditures}}$$

Capital outlay



Fiscal year:	2002	2003	2004	2005	2006
Total capital outlay	\$3,096,783	\$4,451,197	\$2,438,500	\$1,721,390	\$2,523,928
Operating expenditures and transfers	\$13,801,445	\$13,985,927	\$14,940,592	\$15,909,652	\$16,645,108
Capital outlay as a percentage of expenditures	22.44%	31.83%	16.32%	10.82%	15.16%

Analysis:

Yearly fluctuations in this indicator are the result of the timing and magnitude of different capital projects. The decrease in FY 2005 indicates a decrease in capital improvement expenditures due to smaller bond issues due to

INDICATOR 11

Water and Sewer Rates

Fiscal Year	Water Rate	Water Fixed	Sewer Rate	Sewer Fixed
2003	\$2.72	\$1.99	\$3.12	\$2.02
2004	\$2.82	\$2.06	\$3.22	\$2.09
2005	\$2.92	\$2.08	\$3.48	\$2.11
2006	\$3.06	\$2.10	\$3.48	\$2.13
2007	\$3.16	\$2.26	\$3.80	\$2.29

Analysis:

In FY 1994 the billing structure changed based on a consultant's study from a declining volume rate with a minimum bill system to a fixed billing charge and one volume rate. The rate increase in FY 2007 is consistent with the consultant's recommendation.

INDICATOR 12

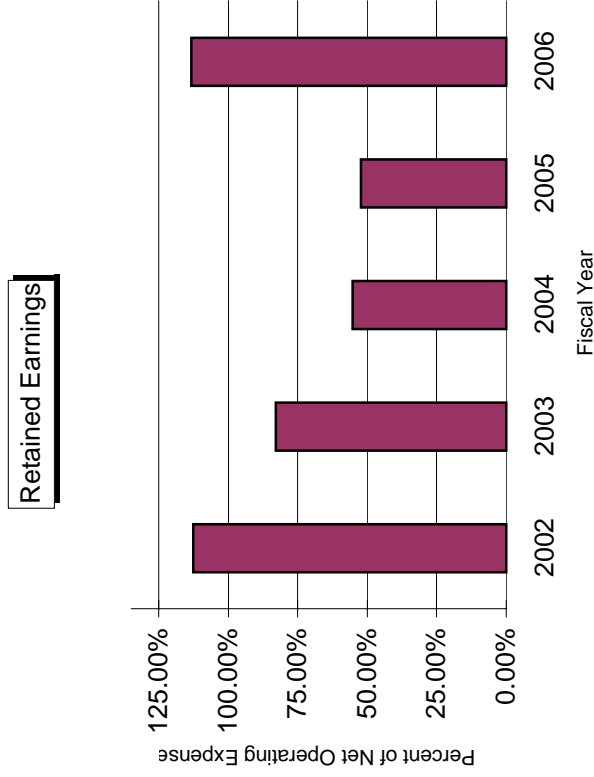
Retained Earnings - Water and Sewer Fund

Warning Trend:

Declining unreserved retained earnings as a percentage of net operating expenses

Formula:

Unreserved retained earnings
Net operating expenses



Fiscal year:		2002	2003	2004	2005	2006
Unreserved Water & Sewer Fund Retained Earnings		\$6,100,515	\$4,720,691	\$3,225,008	\$3,159,499	\$6,786,995
Net Operating Expenses		\$5,415,055	\$5,694,003	\$5,835,549	\$6,033,201	\$5,985,566
Unreserved Water & Sewer Retained Earnings as a Percentage of Net Operating Expenses		112.66%	82.91%	55.26%	52.37%	113.39%

Analysis:

The decline in retained earnings promoted the comprehensive consultant study on water/sewer rates. The trend has reversed as the higher rates are building retained earnings. The decline in FY 2003 is for capital projects and is in line with consultant study to use retained earnings to fund capital projects. The decline in FY 2004 and FY 2005 is due to capital projects and larger sewer authority payments due to infiltration. The increase in FY 2006 is due to the sale of bonds for various sewer projects not yet spent.

INDICATOR 13

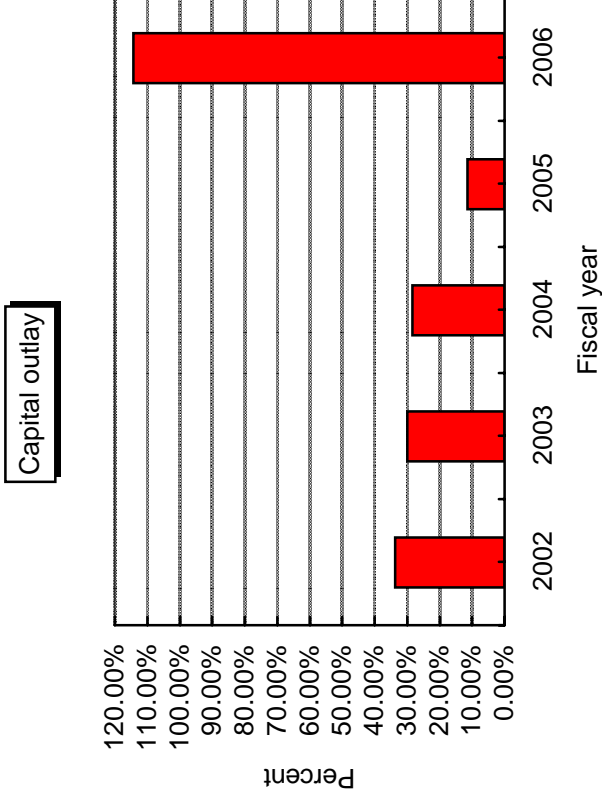
Capital Outlay - Water & Sewer Fund

Warning Trend:

A three or more year decline in capital outlay as a percentage of net operating expenses and transfers.

Formula:

$$\frac{\text{Capital outlay}}{\text{Net operating expenditures}}$$



Fiscal year:	2002	2003	2004	2005	2006
Total capital outlay	\$1,829,590	\$1,708,188	\$1,660,814	\$689,846	\$6,835,605
Operating expenses and transfers	\$5,415,055	\$5,694,003	\$5,835,549	\$6,033,201	\$5,985,566
Capital outlay as a percentage of expenses and transfers	33.79%	30.00%	28.46%	11.43%	114.20%

Analysis:

Yearly fluctuations in this indicator are the result of the timing and magnitude of different capital projects. The increase in FY 2006 is due to the Webb Street Sewer Upgrade and the construction of water tanks

INDICATOR 14

Debt Service - Water And Sewer Fund

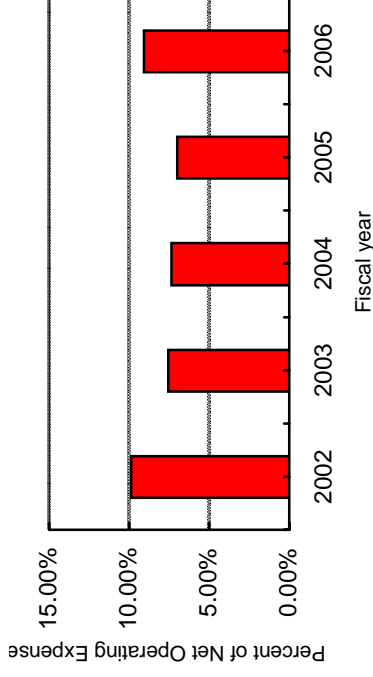
Warning Trend:

Increasing debt service as a percentage of net operating expenses.

Formula:

$$\frac{\text{Debt Service}}{\text{Net operating Expenses}}$$

Debt Service as a Percent of Net Operating Expense



Fiscal year:	2002	2003	2004	2005	2006
Debt Service	\$535,474	\$430,054	\$429,989	\$421,762	\$544,476
Net Operating Expenses	\$5,415,055	\$5,694,003	\$5,835,549	\$6,033,201	\$5,985,566
Debt Service as a Percentage of Net Operating Expenses	9.89%	7.55%	7.37%	6.99%	9.10%

Analysis:

This analysis shows a favorable trend of debt service expenses as a percentage of net operating expenses over the five year period. This trend is caused by stable debt service payments.

History of Property Tax Revenue for the Last Six Fiscal Years

(TABLE 1)

Fiscal Year	Assessed Value			Current Levy			Total Revenue from Property Taxation ¹		
	Amount	Percent Change	Tax Rate	Amount	Percent Change	Current Collections	Total Collections as a % of Levy ¹	Amount	Percent Change
2006	\$1,708,979,445	3.94%	0.22	\$3,704,545	7.22%	\$3,657,857	100.52%	\$3,723,974	7.18%
2005	\$1,644,189,363	10.14%	0.20/0.22 ³	\$3,455,123	6.96%	\$3,416,830	100.56%	\$3,474,486	6.72%
2004	\$1,621,977,314	4.35%	0.20	\$3,230,340	15.56%	\$3,138,399	100.79%	\$3,255,801	15.44%
2003	\$1,554,359,900 ²	28.24%	0.20	\$2,795,356	12.71%	\$2,760,442	100.89%	\$2,820,279	16.83%
2002	\$1,212,050,210	0.83%	0.20	\$2,480,104	5.05%	\$2,330,639	97.33%	\$2,413,989	3.42%
2001	\$1,202,054,146	2.86%	0.20	\$2,360,831	2.06%	\$2,283,465	98.9%	\$2,335,850	0.51%

¹Includes current taxes, delinquent taxes, and interest on delinquent taxes.

²Increase due to reassessment of real property effective January 1, 2003.

³Increase in tax rate from \$.0020 to \$.0022 effective for the second half billing for FY2005.

History of General Fund Revenue Other Than Property Tax for the Last Six Fiscal Years

(TABLE 2)

Fiscal Year	Intergovernmental Revenues		Other Local Taxes and Licenses		Charges for Rental of Properties and Current Services		All Other Revenue Including Interfund Transfers		Total Revenue	
	Amount		Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change
2006	\$8,055,873 ⁴	119.47%	\$9,029,870	4.69%	\$907,033	7.33%	\$2,534,872	(216.96)%	\$20,527,648	(3.16)%
2005	\$3,670,464	13.23%	\$8,625,572	9.13%	\$845,079	4.66%	\$8,034,681 ³	297.12%	\$21,175,796	51.51%
2004	\$3,241,692	(1.36)%	\$7,904,288	8.39%	\$807,426	8.72%	\$2,023,226	(84.03)%	\$13,976,632	(58.26)%
2003	\$3,285,855	(2.38)%	\$7,292,229	3.07%	\$742,678	(3.55)%	\$12,668,310 ²	167.81%	\$23,989,072	50.48%
2002	\$3,365,800	15.03%	\$7,075,245	1.88%	\$770,018	12.54%	\$4,730,388	(35.73)%	\$15,941,451	(11.02)%
2001	\$2,926,084	2.05%	\$6,944,359	4.60%	\$684,191	14.52%	\$7,360,825 ¹	440.3%	\$17,915,459	15.62%

¹Receipt of bond proceeds in FY 2001 for use in FY 2001 and FY 2002 and receipt of \$1,450,000 bond proceeds for 1992 and 1994 advance debt refunding
²Receipt of bond proceeds of \$6,300,000 in FY 2003 for use in FY 2003 and FY 2004 and receipt of \$1,037,794 bond proceeds for 1992 and 1994 advance debt refunding.
³Receipt of bond proceeds of \$1,000,000 in FY 2005 and receipt of \$1,618,000 bond proceeds for 1996 advance debt refunding.
⁴Receipt of \$3,926,432 from the State for construction of a highway overpass.

History of General Fund Operating Expenditures/Encumbrances for the Last Six Fiscal Years

(TABLE 3)

Fiscal Year	Public Works Expenditures		Public Safety Expenditures		Parks/Recreation Expenditures		All Other Operating Expenditures ¹		Total Operating Expenditures ²	
	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change
2006	\$3,602,054	4.29%	\$5,690,302	5.41%	\$1,383,253	0.71%	\$5,384,208	15.02%	\$16,059,817	7.73%
2005	\$3,454,016	(8.76)%	\$5,398,199	6.26%	\$1,373,537	9.10%	\$4,681,036	(0.99)%	\$14,906,788	0.65%
2004	\$3,785,557	10.64%	\$5,080,061	1.46%	\$1,258,929	(2.40)%	\$4,685,690	11.74%	\$14,810,237	6.46%
2003	\$3,421,420	9.07%	\$5,007,124	4.86%	\$1,289,947	(0.28)%	\$4,193,419	(10.32)%	\$13,911,910	0.22%
2002	\$3,136,947	10.36%	\$4,774,885	12.58%	\$1,293,617	7.93%	\$4,675,995	37.44%	\$13,881,444	18.80%
2001	\$2,842,447	6.92%	\$4,241,345	1.38%	\$1,198,615	18.83%	\$3,402,238	13.94%	\$11,684,615	7.83%

¹ Includes Legislative, Executive, Finance, Technology, Legal, Judicial and Planning and Engineering.

² Does not include expenditures for debt service or capital outlay.

Six-Year Projection of Property Tax Revenue

(TABLE 4)

Fiscal Year	Projected Assessed Value ¹	Projected Tax Rate Per \$100 of Assessed Value	Projected Tax Levy	Current Collection As Percentage of Levy	Projected Current Tax Revenue	Total Projected Current and Delinquent Tax Revenue
2007	\$2,033,456,364	\$0.22	\$4,473,604	98.5%	\$4,406,500	\$4,446,500
2008	\$2,263,642,273	\$0.22	\$4,980,013	98.5%	\$4,905,313	\$4,945,313
2009	\$2,309,284,545	\$0.22	\$5,080,426	98.5%	\$5,004,220	\$5,044,220
2010	\$2,355,839,545	\$0.22	\$5,182,847	98.5%	\$5,105,104	\$5,145,104
2011	\$2,617,011,818	\$0.22	\$5,757,426	98.5%	\$5,671,065	\$5,711,065
2012	\$2,830,699,091	\$0.22	\$6,227,538	98.5%	\$6,134,125	\$6,174,125

¹Includes a projected 33% increase in assessed values due to reassessment effective January 1, 2007. Reassessment occurs every four years. FY 2007 reflects one-half year impact of reassessment and FY 2008 reflects the full year impact of reassessment. FY 2011 reflects one-half year impact of an estimated 20% reassessment and FY 2012 reflects the full year impact.

²Assumes an annual growth of 2.0% due to new construction for FY 2006-2007. This is based on the average annual growth rate in population from 1990 to 2000.

Six Year Projection of Total General Fund Revenue

(TABLE 5)

Fiscal Year	Property Tax ¹	Intergovernmental Revenues ²	Other Local Taxes and Licenses ³	Charges for Rental/Current Services ⁴	All Other Revenue ⁵	Total Revenue
2007	\$4,446,500	\$4,489,155	\$9,206,300	\$1,998,000	\$1,102,500	\$21,242,455
2008	\$4,945,313	\$4,582,775	\$9,695,552	\$2,047,950	\$1,630,063	\$22,901,653
2009	\$5,044,220	\$5,428,736	\$10,083,374	\$2,099,149	\$1,158,313	\$23,813,792
2010	\$5,145,104	\$4,777,095	\$10,486,709	\$2,151,627	\$1,187,272	\$23,747,807
2011	\$5,711,065	\$4,877,914	\$10,906,177	\$2,205,418	\$1,216,954	\$24,917,528
2012	\$6,174,125	\$4,981,252	\$11,342,425	\$2,260,554	\$1,247,377	\$26,005,733

¹ Reflects an average annual growth rate of 7.8%.

² Reflects an average annual growth rate of 2.2% and one time grant in 2009 of \$750,000.

³ Reflects an average annual growth rate of 4.6%.

⁴ Reflects an average annual growth rate of 2.6%.

⁵ Reflects an average annual growth rate of 2.6%.

Six- Year Projection of General Fund Operating Expenditures

(TABLE 6)

	Public Works Expenditures			Public Safety Expenditures			Parks/Recreation Expenditures			All Other Operating Expenditures ¹		
Fiscal Year	Amount	Percent Change ²	Amount	Percent Change ²	Amount	Percent Change ²	Amount	Percent Change ²	Amount	Percent Change ²	Amount	Total Amount ³
2007	\$5,305,331	---	\$6,444,394	---	\$1,496,306	---	\$4,289,078	---			\$17,535,109	
2008	\$5,611,440	5.77%	\$6,806,817	5.62%	\$1,570,123	4.93%	\$4,504,281	5.02%			\$18,492,661	
2009	\$5,880,198	4.79%	\$7,018,667	3.11%	\$1,611,377	2.63%	\$4,564,792	1.34%			\$19,075,037	
2010	\$6,040,640	2.73%	\$7,210,412	2.73%	\$1,650,319	2.42%	\$4,679,060	2.50%			\$19,580,431	
2011	\$6,229,204	3.12%	\$7,437,989	3.16%	\$1,694,344	2.67%	\$4,807,597	2.75%			\$20,169,134	
2012	\$6,425,615	3.15%	\$7,675,122	3.19%	\$1,739,994	2.69%	\$5,014,716	4.31%			\$20,855,447	

¹ Includes Legislative, Executive, Finance, Legal, Technology, Judicial and Planning and Engineering

² Growth factors used for FY 2009 through FY 2012 average approximately 3%.

³ Does not include projections for debt service or capital outlay.

Six-Year Projection of General Fund Obligated Debt Service

(TABLE 7)

Fiscal Year	Bond Issuance Costs	FY1996 Bond Sale	FY1998 Bond Sale	Wong Property/ Brown Farm Loan/Energy Performance Lease	FY2001 Bond Sale	FY2002 Bond Sale	2003 Refunding Bond	2004 Bond Sale	2005 Refunding Bond	FY2006/07 Bond Sale (3.0 m) ¹	FY2008/09 Bond Sale (3.0 m) ¹	FY 2010/11 Bond Sale (3.0m) ¹	Total Debt Service
2007	\$50,000	\$110,552	\$172,775	\$169,332	\$199,610	\$582,643	\$124,311	\$146,269	\$52,567	\$90,000	--	--	\$1,698,059
2008	--	\$109,273	\$172,630	\$170,420	\$262,628	\$562,293	\$75,761	\$146,270	\$51,703	\$325,500	--	--	\$1,876,478
2009	\$50,000	\$111,496	\$172,259	\$171,672	\$257,592	\$556,355	\$77,382	\$146,269	\$52,453	\$316,500	\$90,000	--	\$2,001,978
2010	--	--	\$171,686	\$93,564	\$250,248	\$534,817	\$75,968	\$146,270	\$163,361	\$307,500	\$325,500	--	\$2,068,914
2011	\$50,000	--	\$174,928	\$95,654	\$311,028	\$507,742	--	\$146,270	\$164,290	\$298,500	\$316,500	\$90,000	\$2,154,912
2012	--	--	\$173,733	\$97,843	\$310,436	\$486,192	--	\$146,269	\$165,781	\$289,500	\$307,500	\$325,500	\$2,302,754

¹ Future bond sales reflect a projected 6% interest rate for 20 years.

General Fund Six-Year Projection of New Capital Financing Potential

(TABLE 8)

Fiscal Year	General Fund Item					
	2007	2008	2009	2010	2011	2012
Projected Operating Revenue	\$21,242,455	\$22,901,653	\$23,813,792	\$23,747,807	\$24,917,528	\$26,005,733
New Bond Issue	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
Use of Fund Balance	\$1,318,100	\$937,733	--	--	--	--
Less Projected Operating Expenditures	\$17,535,109	\$18,492,661	\$19,075,037	\$19,580,431	\$20,169,134	\$20,855,447
Less Projected Reoccurring Capital Expenditures	\$1,977,851	\$1,871,777	\$1,871,777	\$1,871,777	\$1,871,777	\$1,871,777
Less Debt Service	\$1,699,559	\$1,876,478	\$2,001,978	\$2,068,914	\$2,154,912	\$2,302,754
Net Capital Financing Potential	\$2,848,036	\$3,098,470	\$2,365,000	\$1,726,685	\$2,221,705	\$2,475,755
Debt Service as % of Operating Expenditure	9.68%	10.15%	10.50%	10.57%	10.68%	11.04%

History of Water and Sewer Fund Revenue for the Last Six Fiscal Years

(TABLE 9)

Fiscal Year Ending	Water Service Charges		Sewer Service Charges		Availability Fees, Connections, Line Extensions, & Meter Installations		Interest & Other Miscellaneous Revenues		Total Revenue	
	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change	Amount	Percent Change
2006	\$3,131,522	3.95%	\$3,150,265	(1.60)%	\$616,998	4.83%	\$367,209	(22.56)%	\$7,265,994	0.20%
2005	\$3,012,644	2.06%	\$3,200,540	4.62%	\$588,564	88.45%	\$450,033	74.32%	\$7,251,781	10.17%
2004	\$2,951,837	(0.48)%	\$3,059,253	(1.63)%	\$312,325	(6.95)%	\$259,098	(63.30)%	\$6,582,513	(3.79)%
2003	\$2,966,014	0.85%	\$3,109,100	3.55%	\$334,017	29.95%	\$423,109	(40.40)%	\$6,832,240	(1.13)%
2002	\$2,941,090	(4.17)%	\$3,002,423	1.27%	\$257,032	(8.83)%	\$709,965	(4.65)%	\$6,910,510	(2.12)%
2001	\$3,068,934	3.37%	\$2,964,840	6.96%	\$281,917	0.09%	\$744,592	(5.95)%	\$7,060,283	3.61%

History of Water and Sewer Fund Operating Expenditures for the Last Six Fiscal Years

(TABLE 10)

Fiscal Year Ending	Water Division Other Operating			Payment to Water Authority			Sewer Division Other Operating			Payment to Sewer Authority			All Other Operating ¹			Total Operating Expenditures ²		
	Amount	Percent Change		Amount	Percent Change		Amount	Percent Change		Amount	Percent Change		Amount	Percent Change		Amount	Percent Change	
2006	\$425,011	(8.32)%		\$1,564,458	5.36%		\$403,433	4.81%		\$1,994,637	(6.25)%		\$1,612,226	1.79%		\$5,999,765	(0.56)%	
2005	\$460,352	22.68%		\$1,484,815	2.33%		\$384,929	12.68%		\$2,119,291	(2.50)%		\$1,583,815	5.98%		\$6,033,202	3.38%	
2004	\$375,227	9.93%		\$1,450,997	0.53%		\$341,610	3.03%		\$2,173,645	0.40%		\$1,494,401	8.60%		\$5,835,880	3.16%	
2003	\$341,346	7.48%		\$1,443,342	1.90%		\$331,569	(4.42)%		\$2,164,970	35.23%		\$1,376,000	16.92%		\$5,657,227	16.44%	
2002	\$317,581	(1.33)%		\$1,416,431	2.01%		\$346,898	4.77%		\$1,600,930	(9.21)%		\$1,176,848	24.95%		\$4,858,688	2.36%	
2001	\$321,866	(5.16)%		\$1,388,479	1.96%		\$331,081	(0.87)%		\$1,763,278	6.10%		\$941,891	8.55%		\$4,746,595	3.99%	

¹ Includes Administration, Utility Billing and Pump Station Maintenance.

² Does not include expenditures for debt service or capital outlay.

Six-Year Projection of

(TABLE 11)

	Water Segment				Sewer Segment					
Fiscal Year Ending	Service Charges	Fixed Charges	Other ¹	Total Water	Service Charges	Fixed Charges	Other ²	Total Sewer	Other Miscellaneous Revenue ³	Fund Total
2007	\$3,153,600	\$232,800	\$170,500	\$3,556,900	\$3,375,100	\$220,900	\$22,000	\$3,618,000	\$355,000	\$7,529,900
2008	\$3,191,443	\$247,932	\$175,018	\$3,614,393	\$3,415,601	\$235,259	\$22,583	\$3,673,443	\$386,730	\$7,674,566
2009	\$3,229,741	\$257,353	\$179,656	\$3,666,750	\$3,456,588	\$244,198	\$23,182	\$3,723,968	\$396,031	\$7,786,749
2010	\$3,268,497	\$267,133	\$184,417	\$3,720,047	\$3,498,067	\$253,478	\$23,796	\$3,775,341	\$405,611	\$7,900,999
2011	\$3,307,719	\$277,284	\$189,304	\$3,774,307	\$3,540,044	\$263,110	\$24,427	\$3,827,581	\$415,478	\$8,017,366
2012	\$3,347,412	\$287,821	\$194,320	\$3,829,553	\$3,582,525	\$273,108	\$25,074	\$3,880,707	\$425,642	\$8,135,902

¹Other Revenue includes Connection Charges, Meter Installations, Service Transfer Fees, Line Extensions and the Sale of Outside Watering Meters.

²Other Revenue includes Connection Charges and Line Extensions.

³Other Miscellaneous Revenue includes Water Tank Antenna Leases, Sale of Materials and Labor, Reconnection Fees, Interest, Collection and Penalties related to Delinquent Bills, and Miscellaneous Revenue.

Six-Year Projection of Water and Sewer Operating Expenditures

(TABLE 12)

Fiscal Year	Payments to Water & Sanitation Authorities ¹	Operating Expenditures	Equipment Replacement	Total Operating Expenditures ²	Percent Change
2007	\$3,907,269	\$2,628,898	\$128,332	\$6,664,499	--
2008	\$3,954,156	\$2,747,813	\$133,974	\$6,835,943	2.57%
2009	\$4,001,606	\$2,812,921	\$133,974	\$6,948,501	1.65%
2010	\$4,049,625	\$2,880,363	\$133,974	\$7,063,962	1.66%
2011	\$4,098,221	\$2,950,245	\$133,974	\$7,182,440	1.68%
2012	\$4,147,400	\$3,022,677	\$133,974	\$7,304,051	1.69%

¹ Based on wholesale water rates of \$1.32 per 1,000 gallons purchased for FY 2007-2012. Based on wholesale sewer rates of \$1.43 per 1,000 gallons purchased for FY2007-2012 and an annual growth of 1.2%.

² Does not include appropriations for debt service or capital outlay.

Six-Year Projection of
Water and Sewer Fund
Obligated Debt Service Expenditures

(TABLE 13)

Fiscal Year	1996 Bond Sale (\$700,000)	FY 1998 Bond Sale (\$800,000)	FY 2001 Bond Sale (\$2,000,000)	2003 Refunding Bond Sale (\$1,800,000)	2004 Bond Sale (\$1,800,000)	2005 Refunding Bond	2006 Bond Sale (\$3,500,000)	2007 Bond Sale (\$1,800,000) ¹	2009 Bond Sale (\$1,000,000) ¹	2011 Bond Sale (\$1,000,000) ¹	AMR Lease	Total Debt Service	Net Revenue Coverage Of Debt Service
2007	\$36,851	\$37,407	\$190,051	\$124,311	\$131,642	\$17,522	\$256,859	\$54,000	--	--	\$112,321	\$960,964	1.17
2008	\$36,424	\$37,376	\$214,567	\$75,761	\$131,642	\$17,381	\$253,488	\$195,300	--	--	--	\$961,939	1.26
2009	\$37,165	\$37,296	\$212,579	\$77,382	\$131,642	\$17,484	\$253,678	\$189,900	\$48,000	--	--	\$1,005,126	1.23
2010	--	\$37,172	\$207,517	\$75,968	\$131,643	\$54,454	\$253,590	\$184,500	\$173,600	--	--	\$1,118,444	1.15
2011	--	\$37,873	\$275,070	--	\$131,643	\$54,763	\$253,410	\$179,100	\$168,800	\$30,000	--	\$1,130,659	1.16
2012	--	\$37,614	\$276,329	--	\$131,643	\$55,260	\$252,953	\$173,700	\$164,000	\$108,500	--	\$1,199,999	1.15

¹Future bond sales reflect a projected 6% interest rate for 20 years.

Water & Sewer Fund Six-Year Projection of New Capital Financing Potential

(TABLE 14)

Water & Sewer Fund Item	2007	2008	2009	2010	2011	2012
Projected Operating Revenue	\$7,529,900	\$7,674,566	\$7,786,749	\$7,900,999	\$8,017,366	\$8,135,902
Availability Fees	\$262,500	\$379,200	\$463,200	\$575,000	\$661,200	\$808,300
New Bond Issue	--	\$1,800,000	\$560,000	\$1,040,000	\$1,000,000	--
Use of Cash Reserves	--	\$372,311	\$(101,614)	\$18,200	\$50,380	\$(121,217)
Less Projected Operating Expenditures	\$6,664,499	\$6,846,308	\$7,014,309	\$7,189,498	\$7,372,323	\$7,563,266
Less Debt Service	\$960,964	\$961,939	\$1,005,126	\$1,118,444	\$1,130,659	\$1,199,999
Net Capital Financing Potential	\$166,937	\$2,417,830	\$688,900	\$1,226,257	\$1,225,964	\$59,720

CAPITAL IMPROVEMENT PROGRAM

Prior Allocation	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11	Submitted 2011/12	Recommended 2011/12
General Fund										
<i>Finance Department:</i>										
AS400 Hardware Contingency	125,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
AS400 Peripheral Equipment Replacement	50,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
AS400 Software Development Fund	60,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Subtotal	235,000	75,000	25,000	75,000	-	75,000	-	75,000	75,000	25,000
<i>Fire Department:</i>										
New Generator for Station III	75,000									
Subtotal	-	75,000	-	-	-	-	-	-	-	-
<i>Rescue:</i>										
Confined Space Rescue Equipment	22,871									
Opticom Lights	50,000	25,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Replacement of Progress Street Station	62,500		962,500		2,493,750	350,000				
Town Radio Voter System	25,000	25,000								
Cardiac Monitors/Defibrillators			120,000		120,000		120,000	120,000	120,000	120,000
Subtotal	-	160,371	50,000	1,132,500	-	2,663,750	-	400,000	50,000	170,000
<i>Parks and Recreation Department:</i>										
Baseball/Softball Dugouts	17,500	17,500								
Construction Documents (Nature Center)			160,000							
Construction Documents for Outdoor Aquatic Facility			632,000							
Dog Park			35,000							
Greenways	100,000	75,000	100,000							
Huckleberry Trail Extension			150,000	150,000						
Land Acquisitions										
Meeting Room/Training Room Addition										
Mobile Stage (Showmobile)	100,000									
New Fitness Center	150,000									
Outdoor Aquatic Facility										
Passenger Van for Senior Trip Program	60,000						7,925,400			
Playground & Park Equipment Depreciation Fund	46,141	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Restroom Replacement in Parks	80,000		50,000	50,000						
Restrooms			40,000	40,000	45,000					
Shelter Replacement	92,600	64,670								
Sidewalks-Corridor Committee			750,000							
Therapy Pool Addition										
Water Slide	28,646									
New Community Center										
Subtotal	126,141	563,746	172,170	1,932,000	240,000	60,000	15,000	8,203,900	115,000	8,920,000
<i>Planning and Engineering:</i>										
Aerial Mapping			50,000		20,000	50,000	20,000			
Airport Rd/Country Club Dr/Hubbard St Traffic Safety Improvements										
Document Management & Imaging Solution						337,000				
Major Street Improvements										
Neighborhood Enhancement Grant Program										
Storm Water 1998 Study - Town Wide Management Ponds	73,000		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Storm Water Projects	250,000		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Storm Water MS-4 Compliance (EPA NPDES Phase II Program)	306,600		150,000	150,000	121,000	210,000	210,000	140,000	140,000	140,000
Storm Water Management Best Practice Study	46,800	46,800								
Subtotal	73,000	1,521,878	196,800	310,000	472,500	251,000	487,000	320,000	250,000	110,000
<i>Police Department:</i>										
New Vehicle										
Police Communications System	21,780									
Police Tactical Command Vehicle	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Police Vehicle Digital Video Recording System	250,000									
Traffic Committee and Neighborhood Traffic Control Program (NTCP)										
Subtotal	177,335	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
<i>Public Works Department:</i>										
Cemetery Reception/Service Building										
Curb, Gutter, and Sidewalk Replacement										
Emergency Preparedness Equipment										
Major Facilities Repair										
Municipal Building Electrical Service Upgrade										
Old Town Hall Renovation										
Subtotal	202,335	402,780	131,000	87,000	-	87,000	41,925	71,000	94,000	87,000
Subtotal	177,335	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Subtotal	25,000	25,000	76,000	32,000	32,000	25,000	11,925	25,000	16,000	32,000
Subtotal	202,335	402,780	131,000	87,000	-	87,000	41,925	71,000	94,000	87,000
Subtotal	60,000	40,000	13,950	19,800	30,000	30,000	33,760	41,705	43,200	56,755
Subtotal	60,000	40,000	45,000	55,000	20,000	20,000				
Subtotal	60,000	40,000	45,000	55,000	20,000	20,000				

Recommended
CAPITAL IMPROVEMENT PROGRAM

Prior Allocation	Submitted 2007/08	Recommended 2007/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11	Submitted 2011/12	Recommended 2011/12
Parking Meter Replacement					37,500		37,500		18,000	
Parks & Landscape Division Storage Building Addition					32,800					
Radio Communication Upgrade					11,000	11,000	11,000	11,000		
Rental Property Maintenance					15,000	15,000	15,000	15,000		
Roof Replacement and Energy Upgrade	15,000	15,000	15,000	15,000						
Storage Building for Town Decorations			40,000							
Storm Drainage Improvements					12,000					
Streets Division Storage Building Addition					30,000					
Town Garage Renovations					28,000					
Traffic Signal Cabinet Upgrades					15,000		15,000		15,000	
Traffic Signal Emergency Power Supply	36,000	18,000	18,000							18,000
Traffic Signal Equipment Replacement	45,000	45,000	45,000		45,000	45,000	45,000	45,000	45,000	135,000
Traffic Signal Head Replacement	27,000	17,000	17,000		17,000	17,000	17,000	17,000	17,000	34,000
Traffic Signal Replacement	44,000	24,000								
Transfers to Building Systems Depreciation Fund	47,874	47,874	169,000	169,000	120,000	120,000	120,000	120,000	120,000	120,000
Transfers to Equipment Depreciation Fund	631,419	631,419	631,419	631,419	47,874	47,874	47,874	47,874	47,874	47,874
Used Vehicle and Equipment Replacements			50,000		631,419	631,419	631,419	631,419	631,419	631,419
Subtotal	167,000	950,743	857,243	1,622,021	863,293	1,126,353	859,053	1,259,113	941,998	1,032,493
<i>Technology Department:</i>										
Fiber Optic Network Expansion/Conduit for Town of Blacksburg										
Microsoft Software	139,877	50,000								
Prices Fork Mountain Radio Town Building Replacement		37,500						50,000		
SAN - Storage Area Network/Network Virtualization	75,000	15,000								
Technology Replacement	644,154	105,000	105,000		75,000	75,000	75,000	75,000	105,000	75,000
Subtotal	859,031	282,500	157,500	105,000	75,000	75,000	105,000	105,000	105,000	180,000
<i>Town Manager:</i>										
Downtown Improvements: College Avenue Promenade	903,500			750,000						
Downtown Improvements: Draper Road Improvements					260,000		800,000	260,000	700,000	1,280,000
Downtown Improvements: Façade Improvement Grants	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Downtown Improvements: Farmers Market Improvements			20,000		100,000			120,000		
Downtown Improvements: Roanoke Street Improvements			100,000					100,000		
Downtown Improvements: South Main Street Streetscape				68,500	68,500	781,500				
Municipal Complex Expansion and Town Hall Renovations			50,000	50,000	1,260,000	161,500		920,000		
North Main Street Betterment Costs	2,100,000	2,100,000	500,000	500,000						
Odd Fellows Hall Final Design and Construction Drawings	40,000									
Odd Fellows Hall Roof Replacement	28,050	28,050								
Television Production Facilities for Doc Roberts Meeting Room	100,000									
Wayfinding Signage System	75,000	75,000	40,000	40,000						
Subtotal	35,000	2,368,050	2,228,050	1,485,000	1,433,500	1,713,500	968,000	1,425,000	725,000	1,305,000
Total General Fund Projects										
	2,601,007	6,400,068	3,817,763	6,748,521	3,084,293	6,081,603	2,445,978	11,259,013	2,940,998	3,195,048

Water/Sewer Fund

Finance Department:

Meter Maintenance and Replacement	167,526	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Radio Read Vehicle Transceiver Unit Replacement/Upgrade	21,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000
Subtotal	188,526	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000

Planning and Engineering:

Coal Bank Ridge Water Storage Facility	30,000	40,800	40,800		104,848	104,848	911,087	911,087		
IDSE/Stage 2 DBP Program		27,484	27,484							
New Vehicle		32,500	66,100	32,500	66,100	66,100	66,100	66,100		
Sewer Capacity Centralized Data Acquisition System		70,000	112,000	112,000	575,000	575,000				
Shenandoah 1 Sewer Pump Station Condition Upgrade	95,000	1,845,506	1,845,506							
Water Storage Facility		178,880	178,880	198,000	115,074	115,074	155,277	155,277		
Water System Upgrades										
Waterline Extension	113,000	895,818								
Subtotal	238,000	3,090,988	2,162,670	375,880	342,500	861,022	1,086,364	1,132,464	-	-

Public Works Department:

Electrical Service Upgrade		90,000	90,000							
Env. Management Program Sanitary Sewer Inflow & Infiltration Abatement		250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	
New Equipment Purchase - Compact Excavator		50,000	50,000							
Radio Communication Upgrade				5,500	5,500	5,500	5,500	5,500	5,500	

Recommended
CAPITAL IMPROVEMENT PROGRAM

Prior Allocation	Submitted 2007/08	Recommended 2007/08	Submitted 2008/08	Recommended 2008/08	Submitted 2008/09	Recommended 2008/09	Submitted 2009/09	Recommended 2009/10	Submitted 2009/10	Recommended 2009/10	Submitted 2010/11	Recommended 2010/11	Submitted 2011/12	Recommended 2011/12
Transfers to Equipment Depreciation Fund	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974	133,974
Utility Division Building Addition							42,600							
Water Main Replacements	83,160	83,160	83,160	64,400	64,400	64,400	82,600	82,600	82,600	82,600	56,000	56,000	27,720	27,720
Subtotal	-	607,134	357,134	448,374	448,374	514,674	445,474	472,074	445,474	195,474	411,694	161,694		
Total Water/Sewer Fund Projects	426,526	3,730,122	2,551,804	856,254	822,874	1,407,696	1,365,096	1,359,938	1,359,938	443,694	193,694			
Golf/Swimming Pool Fund														
Transfers to Equipment Depreciation Fund														
Total Golf/Swimming Pool Fund Projects	-	11,738	11,738	11,738	11,738	11,738	11,738	11,738	11,738	11,738	11,738	11,738	11,738	11,738
Transit Fund														
Transit Facility Construction	4,400,000	100,000	100,000		10,000,000									
Blacksburg Transit Multimodal Facility	650,000													
Town of Christiansburg-Fixed Route Bus Replacement		665,600	665,600											
Corporate Research Center Fixed Route Bus Expansion		332,800	332,800											
Radio Replacement and Expansion Program	8,210	880	880		896	896	3,648	3,648	928	928	944	944	944	944
Shelter, Amenities, and Bike Rack Replacement and Expansion Program	55,230	15,830	15,830	16,148	16,148	16,148	16,463	16,463	16,780	16,780	17,096	17,096	17,096	17,096
Technology Replacement and Expansion Program	85,481	24,200	24,200	120,960	120,960	120,960	33,060	33,060	25,520	25,520	25,960	25,960	25,960	25,960
Town of Blacksburg -BT Access Bus Replacement	761,900			68,900	68,900	68,900					72,800	72,800	72,800	72,800
Training Simulator		285,000	285,000											
Maintenance Cost Program	160,000	65,500	65,500	50,000	50,000	50,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000
Vehicle Replacement	126,500	71,760	71,760	46,640	46,640	46,640	57,240	57,240			126,560	126,560	126,560	126,560
Town of Blacksburg-Fixed Route Bus Replacement	14,006,397	2,040,800	2,040,800	2,812,000	2,812,000	2,864,600	2,864,600	2,864,600	1,099,200	1,099,200	2,611,400	2,611,400	2,611,400	2,611,400
Commercial District Trolley Service-Fixed Route Bus Expansion		1,045,200	1,045,200	355,100	355,100									
Trip Planner	53,080	25,000	25,000											
Total Transit Fund Projects	20,306,798	4,672,570	4,672,570	13,470,644	13,470,644	3,025,011	3,025,011	3,025,011	1,217,428	1,217,428	2,929,760	2,929,760	2,929,760	2,929,760
Equipment Replacement Fund														
Major Equipment Purchase		752,000	752,000	485,000	485,000	485,000	732,000	732,000	546,000	546,000	752,000	752,000	752,000	752,000
Total Equipment Replacement Fund Projects	-	752,000	752,000	485,000	485,000	485,000	732,000	732,000	546,000	546,000	752,000	752,000	752,000	752,000
Major Building System Replacement Fund														
Major Building System Replacement		3,500	3,500	51,000	51,000	51,000			26,000	26,000	105,000	105,000	105,000	105,000
Total Major Building System Replacement Fund Projects	-	3,500	3,500	51,000	51,000	51,000	-	-	26,000	26,000	105,000	105,000	105,000	105,000
Solid Waste/Recycling Fund														
Transfers to Equipment Depreciation Fund		22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952	22,952
Used Vehicle and Equipment Replacements							20,000	20,000						
Wheeled Residential Recycling Carts				15,000	15,000	15,000			15,000	15,000			15,000	15,000
Total Solid Waste/Recycling Fund Projects	-	22,952	22,952	37,952	37,952	22,952	57,952	42,952	37,952	22,952	37,952	22,952	22,952	22,952
Grand Total	23,334,331	15,692,950	11,832,327	21,661,109	17,948,501	11,316,000	7,622,775	14,641,969	6,125,054	15,523,637	7,210,192			

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Finance

Project Title: AS400 Peripheral Equipment Replacement

Project Location: Finance

Project Status: Continuing

Description and Justification:

This project establishes funding for replacement of the peripheral equipment, such as the line printer, laser MICR printers, pressure sealer, cash receipts printers, cash receipt scanners, automated remittance system and console display. This will allow funding for replacement as needed rather than larger expenditures on an urgent basis. The average life of this type of equipment is four years.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	Continuing	\$50,000	\$25,000				\$25,000	\$50,000	continuing
Total	Continuing	\$50,000	\$25,000				\$25,000	\$50,000	continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Fire and Rescue Depts

Project Title: Opticom Lights

Project Location: Blacksburg Area

Project Status: Continuing

Description and Justification:

Opticom lights speed up response times, ensuring a higher quality of service, plus enhancing the safety of the citizens of Blacksburg and also the safety of the fire and rescue volunteer personnel. This is an ongoing project overseen by the Town of Blacksburg Planning and Engineering Department. While many of the lights in the town have been upgraded at this point Engineering recommends funding be allocated to assure Opticom placements on every light in the Town of Blacksburg. This will be a continuing project as old stop lights and systems are upgraded over the up coming years.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/2010	2010/2011	2011/2012	Current 5-Year Total	Future Years
General fund	\$320,000		\$25,000				\$50,000	\$75,000	Ongoing
Total	\$320,000		\$25,000				\$50,000	\$75,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Rescue

Project Title: Town Radio Voter System

Project Location: Blacksburg Area

Project Status: New

Description and Justification:

The present repeater system allows approximately 80% portable coverage in key response areas. The upgrades to the existing system will increase and improve coverage in "dead spots" within the service area. The infrastructure is in place to receive the voter system hardware upgrade. The repeater site itself has been improved and will further enhance radio communications once the voter is installed. Additional radio frequencies have been secured for the system as well. In addition interoperability with other agencies (Police Department, Fire Department, Lifeguard 10, etc) will improve along with the ability to contact hospital facilities to provide patient care and medication administration information.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$25,000		\$25,000					\$25,000	
Total	\$25,000		\$25,000					\$25,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Blacksburg Volunteer Rescue Squad

Project Title: Cardiac Monitors/Defibrillators

Project Location: Station 1, 200 Progress St / All Ambulances / First Response Units

Project Status: New

Description and Justification:

One of the most important, life-saving interventions a rescue squad can provide for a victim of cardiac arrest is rapid, effective defibrillation. Defibrillators shock the heart of a cardiac arrest patient to restart the heart and restore a pulse. This project aims to replace monitors and defibrillators purchased in 2001-2002. The units offer 3 and 12 lead cardiac monitoring as well as being equipped with the following new technologies: end tidal CO2 monitoring, new computer technology, shock absorbing system designed to reduce artifact from the moving ambulance for more accurate monitoring, and Blue Tooth technology to allow data transmission to the hospital and directly to the patient call report. Also included in the monitor is integrated pulse oximetry for determining blood oxygen levels and an automatic blood pressure cuff for accurate assessment of patients' vital signs. The monitor provides the patient care provider much of the information needed to accurately treat a patient's condition and relay such information to hospitals where staff can appropriately prepare for the patients arrival.

The Blacksburg Rescue Squad is licensed by the Commonwealth as an Advanced Life Support (ALS) agency. Equipping our ambulances (6) and first response/command units (6) with Monitor/Defibrillators is necessary for maintaining such licensure and providing top-quality care to the citizens.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/2012	Current 5-Year Total	Future Years
General Fund	\$240,000					\$120,000	\$120,000	\$240,000	
Total	\$240,000					\$120,000	\$120,000	\$240,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Baseball / Softball Dugouts

Project Location: Town Fields

Project Status: New

Description and Justification:

This project funds the design and construction of new dugouts at all baseball and softball fields. The dugouts will provide players protection from inclement weather, the sun, and improve the appearance of all ball fields.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$17,500		\$17,500					\$17,500	
Total	\$17,500		\$17,500					\$17,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Greenways

Project Location: Town-wide

Project Status: Continuing

Description and Justification:

This project involves the gradual construction of the Town-wide Blacksburg Greenways including off-road bike trails, land acquisition, and amenities for the greenways. The construction will be in accordance with greenway the vista plan entitled "Pathways to the Future" in the Comprehensive Plan.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund			\$75,000					\$75,000	Continuing
Total			\$75,000					\$75,000	Continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Huckleberry Trail Extension

Project Location: Prices Fork Road to Glade Road

Project Status: New

Description and Justification:

This project provides for the surveying, grading, and some asphalt to begin partial extension of the Huckleberry Trail from Prices Fork Road to Glade Road. This project connects the Hethwood Community to Heritage Park. The general location of the trail extension is in accordance with the “Pathways to the Future” vision in the Comprehensive Plan.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$150,000			\$150,000				\$150,000	
Total	\$150,000			\$150,000				\$150,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Mobile Stage (Showmobile)

Project Location: Municipal Park

Project Status: New

Description and Justification:

This project provides funding for a Showmobile, a 35' mobile stage that is fully transportable for usage for outdoor performance events (i.e. ribbon cutting ceremonies, concerts, performances, 4th of July Events). The Showmobile can be upgraded with remote hydraulic leveling, and has the electrical capacity for lighting and sound. This stage would replace the old stage that is worn, uneven, and bulky.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$100,000					\$100,000		\$100,000	
Total	\$100,000					\$100,000		\$100,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Playground & Park Equipment Depreciation Fund

Project Location: Town-wide

Project Status: Continuing

Description and Justification:

This project sets aside funding for future purchases of playground and park equipment to ensure the Town provides equipment which is safe and meets industry standards.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund		\$46,141	\$15,000		\$15,000	\$15,000	\$15,000	\$60,000	ongoing
Total		\$46,141	\$15,000		\$15,000	\$15,000	\$15,000	\$60,000	ongoing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Restroom Replacement in Parks

Project Location: Municipal Park, Tom's Creek Park

Project Status: Continuing

Description and Justification:

This project will replace the restroom in Tom's Creek Park. The restroom is extremely old and difficult to clean, maintain and upgrade. The restroom will be constructed of pre-cast concrete, built off-site and installed. The concrete construction will limit the amount of vandalism that occurs to these structures and provide a new clean appearance for park users.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$130,000	\$80,000		\$50,000				\$50,000	
Total	\$130,000	\$80,000		\$50,000				\$50,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks and Recreation

Project Title: Restrooms

Project Location: Winfrey Fields

Project Status: New

Description and Justification:

This project provides funding for outside restrooms at Winfrey Fields. Restrooms are located in the nearby gym at Kipps Elementary School but are not always available when Town activities are scheduled. This project will increase the useable time of the fields and reduce the demand on staff time to keep the Kipps gym restrooms open.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$40,000			\$40,000				\$40,000	
Total	\$40,000			\$40,000				\$40,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title: Sidewalks

Project Location: Town-wide

Project Status: Ongoing

Description and Justification:

This project provides funding for the construction of sidewalks along existing streets to enhance pedestrian safety and movement. Specific projects are identified by Town priorities and Corridor Committee recommendations.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$92,600		\$64,670					\$64,670	
Total	\$92,600		\$64,670					\$64,670	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning & Engineering

Project Title: Aerial Mapping

Project Location: General Fund

Project Status: New

Description and Justification:

This project in FY2009/10 funds an update to aerial photography, contours, and elevation data in FY2010/11 and planimetrics. Continued maintenance and scheduled updates enhance the value of these products by providing legacy data sets for the evaluation of changes in development, transportation, and for modeling and projecting future development, demographic and infrastructure growth. In addition, the updated contours and elevation data enhance the maintenance and continued evaluation of our utility infrastructure.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General fund	\$70,000				\$50,000	\$20,000		\$70,000	
Total	\$70,000				\$50,000	\$20,000		\$70,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Airport Road/Country Club Drive/Hubbard Street Traffic Safety Improvements

Project Location: Airport Road – Country Club Drive – Hubbard Street

Project Status: New

Description and Justification:

This project addresses pedestrian, bicycle, and motor vehicle safety along Airport Road, Country Club Drive, and Hubbard Street. This project consists of the following components ranked by priority:

1. Airport Road Sidewalk – West side from Southgate Drive to Hubbard Street
2. Country Club Road Sidewalk – South side from Airport Road to the end of Margaret Beeks School property.
3. Hubbard Street Sidewalk – South side from Airport Road to end of sidewalk near South Main Street
4. Airport Road Bicycle Lanes – Southgate Drive to Hubbard Street
5. Hubbard Street Bicycle Lanes – South Main Street to Airport Road

A project to extend sidewalk along the east side of Airport Road from south of Margaret Beeks School to Hubbard Street is presently in progress with funding from the VDOT Revenue Sharing program. These recommended improvements are based upon resident feedback from two neighborhood meetings following approval of the South Main Street Rezoning for property between the Gables Shopping Center and King Street.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation bonds	\$709,500			\$372,500	\$337,000			\$709,500	
Total	\$709,500			\$372,500	\$337,000			\$709,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Major Street Improvements

Project Location: Downtown Improvements, North Main, Various Intersections

Project Status: Ongoing

Description and Justification:

This project funds the Town Share (2%) of the designated streets within the VDOT Urban Highway Program. Five projects are currently included in the VDOT Six-Year Plan:

- 1) North Main Street improvements from College Avenue to Prices Fork Road per the Downtown Master Plan: Improvements will include a narrowed Main Street allowing for better pedestrian crossings, an enhanced pedestrian plaza and parking area fronting downtown businesses, and a roundabout at the intersection of Main Street and Prices Fork.
- 2) Intersection Improvements to enhance pedestrian safety and traffic flow: This project includes Progress St. at Patrick Henry Drive; Ellett Road at South Main Street; Prices Fork Road at West Campus Drive; and Prices Fork Road at Tom's Creek Road.
- 3) North Main Street Improvements: This project is to widen Main Street to four lanes with landscaped medians, bike lanes, trails, and sidewalks from Giles Road to Mount Tabor Road, and shall include realigning Mount Tabor Road with Givens Lane. This project remains on the priority list of projects for VDOT to build but due to budget issues it is not currently being funded in the VDOT 6 year plan.
- 4) Givens Lane Improvements and Progress Street Extension: This project widens Givens Lane to include bike lanes and sidewalks from Main Street to Chickahominy Drive. It will also extend Progress Street from its current terminus to Givens Lane. This project is being administered as a design build project. Construction should begin in fall of 2007.
- 5) Intersection Improvement to University City Boulevard and Prices Fork: This will be an improved signalized intersection. The project will include a pedestrian bridge crossing Prices Fork, however funding from the Town for the bridge shall not exceed \$300,000.

Note: The Tom's Creek Road/U.S. 460 Interchange, construction is fully funded and will be completed late in fall 2007.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds		ongoing	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Total			\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning & Engineering

Project Title: Neighborhood Enhancement Grant Program

Project Location: Town-wide

Project Status: Ongoing

Description and Justification:

This program enhances Town-Neighborhood relations and facilitates physical improvements to private and public property that would not likely occur otherwise. Projects must meet pre-determined Council criteria for effectiveness and be approved by Council on an individual basis. This program incorporates private matching funds which would not otherwise be received as revenue.

Intangible benefits include increased citizen participation in civic activities, better formulation of neighborhood-Town partnering, and facilitating neighborhood organization that promotes communication and provides multiple private and public benefits.

Each grant award is limited to \$2,000 and requires a neighborhood match of cash and/or in-kind services (which can not exceed a total of 25% of the neighborhood match). This project has an existing balance of \$18,000 that can be used to fund future projects.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	On-going	\$73,000					\$10,000		TBD
Total		\$73,000					\$10,000	\$10,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Storm Water MS-4 Compliance (EPA NPDES Phase II Program)

Project Location: Town-wide

Project Status: Follow up request from FYI 2005/2006.

Description and Justification:

In December 2002 the Town of Blacksburg was issued a Virginia Pollution Discharge Elimination System (VPDES) Permit (No. VAR040019) that allowed the Town to discharge storm water to surface waters within the Commonwealth of Virginia. The current permit expires in December 2007. The Town will be required to submit a permit renewal and registration request in September 2007 to the Virginia Department of Environmental Quality (VDEQ) in order to renew the VPDES permit for an additional five year cycle.

As part of the permit the Town must demonstrate implementation of a storm water management program that includes six (6) management components:

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Storm Water Runoff Control
5. Post-construction Storm Water Management
6. Pollution Prevention and Good Housekeeping for Municipal Operations.

The Town is required to comply with the regulations as part of the general permit requirements for the Storm Water Discharges of Storm Water From Small Municipal Separate Storm Sewer Systems (MS-4) permit program. Renewal of the VPDES permit is contingent upon the Town completing the remaining management components in a timely fashion. This project provides funding for the two management components which remain to be completed prior to the upcoming permit renewal cycle;

- 1.) GIS mapping of town wide storm water outfalls and storm drainage sheds.
- 2.) Land use and cover data set development for Illicit Discharge Detection and Elimination

Project Costs and Planned Financing of Project:

Source of Funds	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund		\$46,800					\$46,800	
Total		\$46,800					\$46,800	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering Department

Project Title: Storm Water Management Best Practices Study

Project Location: Town-wide

Project Status: New

Description and Justification:

This project funds a consultant study to benchmark best practices in storm water management, storm water runoff reduction, and storm water runoff quality improvement both statewide and nationwide. The study will then compare Town Codes, Programs, and Policies to these best practices and provide recommendations for Town Council consideration in determining Storm water Management Policy direction.

This project responds to the Town Council strategic goal identified in their August 2006 Retreat of **Reducing Storm water Runoff**. It is intended that the information gained in this study will be coupled with the Town's ongoing watershed management initiatives, environmental management system, Total Maximum Daily Load (TMDL) implementation plans for Stroubles Creek, Low Impact Development regulation development, and MS4 storm water permit initiatives to result in a comprehensive storm water policy and program for the Town.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General fund	\$50,000		\$50,000					\$50,000	
Total	\$50,000		\$50,000					\$50,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Police

Project Title: Police Communications System

Project Location: 200 Clay Street, Blacksburg Police Department

Project Status: In progress

Description and Justification:

The police department completed a total rebuild in 2001 of the department's communications system. The system that has been installed has the capability to be upgraded to a trunking system when the need arises. To keep the system operating efficiently, the equipment must be replaced/upgraded in a timely manner. The department's communications consultant has outlined a recommended replacement schedule: portable radios 4 – 5 years, mobile radios 6 – 7 years, control stations/repeaters approximately 10 years. This project provides funding to be available when upgrades/replacement communication equipment is needed.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Funds	Ongoing		\$30,000		\$30,000	\$30,000	\$30,000	\$120,000	Ongoing
Total	Ongoing		\$30,000		\$30,000	\$30,000	\$30,000	\$120,000	Ongoing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Police

Project Title: Police Vehicle Digital Video Recording System

Project Location: Town of Blacksburg

Project Status: New

Description and Justification:

The Blacksburg Police Department began equipping patrol vehicles with in-car video systems in 1999. During that year twelve (12) vehicles were equipped with cameras. Each of the remaining patrol vehicles were equipped with in-car video camera systems following 1999. Twenty four vehicles are currently equipped with an in-car recording system. These cameras and their associated systems have either reached the end of their useful life span, or will reach the end of their useful life span with in five (5) years of their deployment. Currently, new technology has surpassed the capabilities of the systems purchased between 1999 and 2003. These older systems require the expense of VHS tapes and the space to store these tapes for evidence. Newer system models use digital technology which produces a better quality recording along with eliminating the need for VHS tapes and the associated storage. It is anticipated that these systems will need to be replaced every five years from the date of their installation to maintain their basic functions and to remain current with ever changing technology. This is a phase in process to replace all in-car video cameras at the conclusion of their five-year cycle.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$172,000		\$76,000			\$64,000	\$32,000	\$172,000	ongoing
Total	\$172,000		\$76,000			\$64,000	\$32,000	\$172,000	ongoing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Police

Project Title: Traffic Committee and Neighborhood Traffic Control Program (NTCP)

Project Location: Town of Blacksburg

Project Status: Ongoing

Description and Justification:

This project provides funding for the Traffic Committee to respond in a timely manner to hazardous conditions brought to the attention of the Committee by citizens and Town staff. These hazardous conditions are often extremely time sensitive and cannot await resolution through the regular CIP process. In the past, hazardous conditions brought to the Committee's attention were addressed through a variety of funding alternatives. These funds will be administered by the Traffic Committee with oversight from the Town Manager's Office. An illustrative list of possible projects could include guard rail installation, signage installation, crosswalk or stop-bar striping, and ADA curb-cut installation.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$125,000	\$25,000	\$25,000		\$11,925		\$25,000	\$61,925	Ongoing
Total	\$125,000	\$25,000	\$25,000		\$11,925		\$25,000	\$61,925	Ongoing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Curb, Gutter, and Sidewalk Replacement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project funds the replacement of old deteriorated, damaged or settled portions of curb, and gutter and sidewalk according to the attached schedule.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	continuing	continuing			\$33,760	\$41,705	\$56,755	\$132,220	continuing
Total	continuing	continuing			\$33,760	\$41,705	\$56,755	\$132,220	continuing

**Curb, Gutter, and Sidewalk Replacement
FY 2007/08 to FY 2011/12**

Fiscal Year	Location	Type	Length (lf)	Cost
2009/2010	Sunset Blvd. (From Main St. to Palmer Dr.)	Curb and Gutter	1100	\$13,200
	Eakin Street (From Main St. to Penn St.)	Sidewalk	600	\$9,600
	S. Main Street (Clay St. to Eheart Street)	Sidewalk	685	<u>\$10,960</u>
		Total:		\$33,760
2010/2011	Lucas Drive (N. Main Street to Giles Road)	Curb and Gutter	1000	\$12,000
	Airport Road (From Eastview Terrace to school)	Sidewalk	525	\$15,785
	Preston Avenue (From Eheart Street to Eakin Street)	Sidewalk	420	\$6,720
	Progress Street (From Virginia St. to McDonald St.)	Sidewalk	450	<u>\$7,200</u>
		Total:		\$41,705
2011/2012	Cambridge Road (From 700 Block to Newton Court)	Sidewalk	2700	\$56,755

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Emergency Preparedness Equipment

Project Location: Various

Project Status: New

Description and Justification:

This project supports the Public Works Emergency Response and Preparedness Plan. This project provides funding for equipment and supplies, necessary to allow Public Works to respond to emergency situations threats to public safety and restore necessary public services

Street Barricade Equipment and Supplies (2007/08):

▪ Equipment	
○ Truck Topper	750
○ 6500 KW Generator	3,500
▪ Supplies	
○ Street Barricades (30)	6,000
○ Roll-Up Signs	2,000
○ Barricade Tape	300
○ LED Barricade Lights	700
○ Police Emergency Signs	700
Total	<u>\$13,950</u>

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$33,450		\$13,950					\$33,450	
Total	\$33,450		\$13,950					\$33,450	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Major Facilities Repair

Project Location: Various Locations

Project Status: In Progress

Description and Justification:

This project provides funding for major facility repairs to Town of Blacksburg buildings. The repairs included in this project are beyond the scope of routine maintenance normally covered by operational resources.

FY 2007-08

- Paving Recreation Center parking lot \$45,000

FY 2011-12

- Paving Police Dept. parking lot \$30,000
- Paving Aquatic Center and Parks and Recreation Administration parking lot \$55,000

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$130,000		\$45,000				\$85,000	\$130,000	
Total	\$130,000		\$45,000				\$85,000	\$130,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Radio Communication Upgrade

Project Location: Various

Project Status: New

Description and Justification:

This project provides the funding necessary to complete the upgrade of the Public Works department radio communication system from low band to UHF. This project was begun several years ago with a CIP project that funded the necessary UHF radio communication repeater and cross band repeater equipment.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General fund	\$22,000				\$11,000	\$11,000		\$22,000	
Water/Sewer fund	\$11,000				\$5,500	\$5,500		\$11,000	
Total	\$33,000				\$16,500	\$16,500		\$33,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Rental Property Maintenance

Project Location: Thomas-Conner House and Armory Building

Project Status: In Progress

Description and Justification:

This project provides funding to handle major maintenance and unexpected repairs to the Thomas-Conner House and the Armory Building, both rental properties owned by the Town. Examples of projects funded in past years include floor refinishing, interior and exterior painting, shutter replacement and porch repairs. Unspent funds remaining in the account at the end of each fiscal year to rollover to the next fiscal year to build a balance for large expenditures.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	continuing	continuing	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	continuing
Total	continuing	continuing	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Roof Replacement and Energy Upgrade

Project Location: Municipal Building

Project Status: In Progress

Description and Justification:

This project provides funding the replacement of Town owned building roofs that are approaching the end of their useful life and/or are experiencing roof leaking problems due to damage or disrepair. This project also includes funding to upgrade roofs to increase the Energy Star rating of the roofs with respect to increasing reflectivity and decreasing radiant heat infiltration of the roof.

The roof over the Municipal Building courtroom/Hedgepeth Chambers area and the Progress Street Fire and Rescue Station roof would be replaced. The roof over the Public Works warehouse would be upgraded to increase its Energy Star rating.

All funding requests include associated engineering fees where required to accomplish the roof replacement and all work will be performed by an outside contractor. All roof replacement projects will incorporate sustainable building techniques where practicable to enhance the energy performance of the new roof system and lower life cycle costs of the building.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General fund	\$140,000						\$140,000	\$140,000	
Total	\$140,000						\$140,000	\$140,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Cabinet Upgrades

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides funding to replace original traffic control cabinets installed over 25 years ago with current NEMA approved cabinets that will allow integration of future equipment such as OPTICOM preemption or video detection. Replacement parts for the older cabinets are no longer available and if damage to existing cabinets occurs, the intersection control and operation could be down for extended periods of time. The cost of the traffic signal cabinet upgrades is approximately \$18,000 per intersection. The priority of replacement is:

- 1.) Giles Road//Progress St.
- 2.) Turner St./Progress St.

All work to be done by Town Public Work crews.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$72,000	\$36,000	\$18,000				\$18,000	\$36,000	
Total	\$72,000	\$36,000	\$18,000				\$18,000	\$36,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Emergency Power Supply

Project Location: Town-wide

Project Status: New

Description and Justification:

This project provides funding to purchase and install uninterruptible battery backup power (UPS) for town traffic signals. This has been made possible with the installation of the new low amperage LED lamps in all of the traffic signals townwide. This emergency power supply will ensure normal operation of traffic signals during power outages and will keep police officers out of intersections and on their normal duties. Critical intersections along Prices Fork Road between North Main Street and University City Boulevard will be completed first. The UPS systems cost approximately \$15,000 per intersection with the work done by Public Works.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$225,000		\$45,000			\$45,000	\$135,000	\$225,000	
Total	\$225,000		\$45,000			\$45,000	\$135,000	\$225,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Equipment Replacement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides funding for the replacement equipment necessary to maintain operation of the 9 traffic signal intersections along Main Street and Price's Fork Road that are equipped with the new video detection equipment. The failure of this equipment (video camera, video processor, and/or wireless communication) will result in losing the ability to coordinate traffic along these two busy traffic corridors. Prior allocation funding includes the test/diagnostic equipment needed to troubleshoot suspected problems in equipment prior to failure. Equipment replacement needs are based on previous failure rates of video equipment, about 10%, and would include 4 LED modules, 1 video processor, 4 cameras, and 1 radio set per year.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	continuing	\$27,000	\$17,000				\$34,000	\$51,000	
Total	continuing	\$27,000	\$17,000				\$34,000	\$51,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Head Replacement

Project Location: Downtown Intersections

Project Status: In Progress

Description and Justification:

This project provides funding to upgrade existing traffic signal heads in the downtown area to prevent signal failures at these intersections. Due to the age of the existing signal heads, they are showing signs of extreme wear both from a structural and an electrical standpoint. Replacement is proposed over a three year period. The FY 2007/08 funding covers the intersections at Turner Street/N. Main Street and Washington Street/S. Main Street. All work to be done by Public Works crews.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$68,000	\$44,000	\$24,000					\$24,000	
Total	\$68,000	\$44,000	\$24,000					\$24,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Traffic Signal Replacement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides for the complete replacement of the existing traffic signal equipment at the intersection of Tom's Creek Road and University City Boulevard. This intersection is not physically configured appropriately and does not have the proper signalization equipment. As a result this intersection is inadequate and will only be further stressed after the completion of the US 460/Tom's Creek Road interchange project in 2007/08. The FY 2008/09 funding includes \$49,000 for the engineering design (if required), lane modifications, land acquisition costs, and \$120,000 necessary for the complete traffic signal equipment replacement. The lane modifications will be performed by Public Works. All other work will be performed through VDOT and their regional signal contract.

This project also provides funding for the complete replacement of existing traffic signal equipment at the intersections of Country Club Drive/South Main Street, Heather Drive/Prices Fork Road, and Turner Street/North Main Street. All three intersections have dated equipment, poles, and signal heads. Parts are no longer available to maintain these intersections. At each intersection the poles and control equipment need to be upgraded. A failure of equipment or structures will place the intersection out of service. The projected funding schedule provides for the replacement of one intersection per year for FY 2009/10, FY 2010/11, and FY 2011/12 at \$120,000 each. All work will be performed through VDOT and their regional signal contract.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$529,000			\$169,000	\$120,000	\$120,000	\$120,000	\$529,000	
Total	\$529,000			\$169,000	\$120,000	\$120,000	\$120,000	\$529,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Transfers to Building Systems Depreciation Fund

Project Location: Various Town Buildings

Project Status: In Progress

Description and Justification:

This project supports the Major Building System replacement project by transferring funds to a depreciation fund, which is used to replace major building systems prior to their failure.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	continuing	continuing	\$47,874	\$47,874	\$47,874	\$47,874	\$47,874	\$239,370	continuing
Total	continuing	continuing	\$47,874	\$47,874	\$47,874	\$47,874	\$47,874	\$239,370	continuing

Transfers to Building Systems Depreciation Fund, 2007/08 -2011/12

Aquatic Center Description Heat Exchanger Voyager heat/cool package unit Z pack duct energy recovery system heat 1 gas fired water heater 1 gas fired boiler Dectron Energy Recovery Unit	Installation Date 2005 1993 1993 1993 1993 2003	Life 20 20 20 20 35 15	Replacement Cost \$12,000 \$10,000 \$8,000 \$2,000 \$35,000 \$300,000 \$367,000	Depreciation \$600 \$500 \$400 \$100 \$1,000 \$20,000 \$22,600	FY Replacement 2025 2013 2013 2013 2028 2018
Five Chimneys Description 1 a/c split system 1 gas fired furnace	Installation Date 1993 1993	Life 20 25	Replacement Cost \$4,000 \$3,000 \$7,000	Depreciation \$200 \$120 \$320	FY Replacement 2013 2018
Golf Course Description 1 split a/c system	Installation Date 1994	Life 15	Replacement Cost \$5,000 \$5,000	Depreciation \$333 \$333	FY Replacement 2009
Municipal Building Description 1 heat pump 1 roof top package unit 1 roof top package unit 1 roof top package unit 1 a/c condenser split system 1 small condenser split system 1 elevator system	Installation Date 1993 1996 1991 2007 2001 2000 2007	Life 15 20 20 20 15 15 40	Replacement Cost \$3,500 \$38,000 \$20,000 \$38,000 \$7,000 \$2,800 \$80,000 \$189,300	Depreciation \$233 \$1,900 \$1,000 \$1,900 \$467 \$187 \$2,000 \$7,687	FY Replacement 2008 2016 2011 2027 2016 2015 2047
Old Town Hall Description 1 forced air furnace 1 split a/c system	Installation Date 2005 2005	Life 20 20	Replacement Cost \$6,000 \$6,000 \$12,000	Depreciation \$300 \$300 \$600	FY Replacement 2025 2025
Parks & Rec Administration Description 2 forced air furnaces 2 split a/c systems	Installation Date 1998 1998	Life 20 20	Replacement Cost \$6,000 \$10,000 \$16,000	Depreciation \$300 \$500 \$800	FY Replacement 2018 2018

Transfers to Building Systems Depreciation Fund, 2007/08 -2011/12

Police Department Building	Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
	2 Trane roof top cooling & heating units	2003	20	\$30,000	\$1,500	2023
	1 pneumatic control system	1982	30	\$15,000	\$500	2012
	1 gas fired boiler	1982	30	\$25,000	\$833	2012
	2 a/c condenser split systems	1998	15	\$8,000	\$533	2013
	1 envirotech zone thermostat systems	1992	25	\$8,000	\$320	2017
Police Storage Building	Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
	1 gas fired furnace	1999	20	\$3,500	\$175	2019
Price House	Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
	1 gas fired boiler	2001	30	\$5,000	\$167	2031
Price's Fork Rd. Fire House	Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
	2 split a/c systems	2005	20	\$16,000	\$800	2025
	2 infrared tube heaters	1991	30	\$8,000	\$267	2021
	2 forced air furnaces	1991	30	\$8,000	\$267	2021
	2 a/c & heat pump systems	1998	15	\$8,000	\$533	2013
Progress St. Fire House	Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
	1 pneumatic control system	1982	30	\$15,000	\$500	2012
	1 gas fired boiler	1983	30	\$10,000	\$333	2013
	1 gas fired boiler	1982	30	\$25,000	\$833	2012
	3 roof top a/c package units	1989	20	\$30,000	\$1,500	2009
	2 split a/c systems	1989	20	\$16,000	\$800	2009
Purchasing Warehouse	Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
	Horizontal Furnace	2000	20	\$1,500	\$75	2020
	1 split a/c system	2006	15	\$8,000	\$533	2021
	Exhaust Fan	1997	18	\$800	\$44	2015
	3 infrared heaters	1991	20	\$1,500	\$75	2011
	1 small split system (front office)	2006	15	\$6,000	\$400	2021
				\$17,800	\$1,128	

Transfers to Building Systems Depreciation Fund, 2007/08 -2011/12

PW Administration Building					
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
1 split a/c system - training	2004	16	\$4,500	\$281	2020
1 forced air gas horizontal furnace - admin	1998	20	\$3,000	\$150	2018
1 split a/c system - admin	1998	20	\$4,500	\$225	2018
1 forced air gas fired furnace - training	2004	20	\$3,000	\$150	2024
1 forced air gas fired furnace - lunchroom	2000	20	\$3,000	\$150	2020
1 split a/c system - lunchroom	2000	15	\$4,500	\$300	2015
			\$22,500	\$1,256	
PW Storage Building					
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
1 gas fired furnace	1991	20	\$1,500	\$75	2011
			\$1,500	\$75	
Recreation Center					
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
4 hot water air handlers	1982	40	\$10,000	\$250	2022
1 pneumatic temperature control system	1982	30	\$15,000	\$500	2012
1 gas fired boiler	1982	30	\$10,000	\$333	2012
1 roof top a/c package unit	1996	15	\$3,000	\$200	2011
			\$38,000	\$1,283	
Thomas-Conner House					
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
2 a/c split systems	1994	25	\$20,000	\$800	2019
1 gas fired boiler	1994	30	\$5,000	\$167	2024
			\$25,000	\$967	
Town Garage					
Description	Installation Date	Life	Replacement Cost	Depreciation	FY Replacement
1 waste oil fired furnace	2006	20	\$8,000	\$400	2026
2 gas fired tube heaters	2004	20	\$9,000	\$450	2024
1 window a/c unit	1998	15	\$500	\$33	2013
			\$17,500	\$883	
			\$949,100	\$47,874	
TOTAL EXISTING EQUIPMENT IN PROGRAM:					

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Transfers to Equipment Depreciation Fund

Project Location: Not Applicable

Project Status: In Progress

Description and Justification:

This fund was established in FY 1977/78 to set aside each year, on a cumulative basis, enough funding to allow for the replacement of equipment that has reached its useful life. The list on the following pages contains equipment presently included in the fund. Depreciation proposed for 2007/08 and future years are also displayed. An itemized listing of vehicles and equipment is included in the following pages. A total \$20,098 in General Fund depreciation transfers were saved each fiscal year as a result of delaying four equipment purchases based on their current condition. The replacement cost of the equipment not purchased totals \$217,000.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	continuing	continuing	\$387,227	\$387,227	\$387,227	\$387,227	\$387,227	\$1,936,135	continuing
Fire Fund	continuing	continuing	\$130,764	\$130,764	\$130,764	\$130,764	\$130,764	\$653,820	continuing
CDBG	continuing	continuing	\$4,857	\$4,857	\$4,857	\$4,857	\$4,857	\$24,285	continuing
Rescue Fund	continuing	continuing	\$108,571	\$108,571	\$108,571	\$108,571	\$108,571	\$542,855	continuing
W&S Fund	continuing	continuing	\$133,974	\$133,974	\$133,974	\$133,974	\$133,974	\$669,870	continuing
Golf Fund	continuing	continuing	\$11,738	\$11,738	\$11,738	\$11,738	\$11,738	\$58,690	continuing
Waste Mgt.	continuing	continuing	\$22,952	\$22,952	\$22,952	\$22,952	\$22,952	\$114,760	continuing
Total	continuing	continuing	\$800,083	\$800,083	\$800,083	\$800,083	\$800,083	\$4,000,415	continuing

TRANSFER TO EQUIPMENT DEPRECIATION FUND 2008-2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
CDGB Fund							
457	HD-101	SUV, Economy	2007	7	20,000	2,857	2014
	HD-201	Sedan, Economy	2001	7	14,000	2,000	2008
					34,000	4,857	
Fire Fund							
402	FD-02	Truck-Ladder	1999	20	800,000	40,000	2019
50003	FD-03	Mack Pumper	2005	20	350,000	17,500	2025
508	FD-04	Truck-Equipment	2004	20	150,000	7,500	2025
50005	FD-05	Mobile Air Unit (Chasis)	1993	20	300,000	15,000	2013
50009	FD-09	Pumper	1988	20	400,000	20,000	2007
50010	FD-10	Pumper	1998	20	221,000	11,050	2018
559	FD-11	Truck-Brush	2002	10	40,000	4,000	2012
50017	FD-17	Truck-Pick-up, F-550 4WD	2006	7	30,000	4,286	2013
50013	FD-21	SUV, Full Size	2004	7	30,000	4,286	2011
486	FD-23	Sedan, Full Size	2001	7	25,000	3,571	2008
485	FD-24	Sedan, Full Size	2001	7	25,000	3,571	2008
					2,371,000	130,764	
General Fund							
702	AS-401	Truck-Pickup, 1 ton 4WD	2005	7	35,000	5,000	2012
	AS-501	Truck-Dump, Tandem	2007	9	70,000	7,778	2016
452	AS-502	Truck-Dump, Standard	2001	9	55,000	6,111	2010
454	AS-503	Truck-Dump, 4WD	2001	9	75,000	8,333	2010
98172	AS-603	Paver-Asphalt	1998	11	32,000	2,909	2009
445	AS-604	Roller-Asphalt	2000	13	30,000	2,308	2013
	AS-607	Sweeper-Street	2006	10	170,000	17,000	2016
444	AS-701	Backhoe	2001	10	70,000	7,000	2011
50	AS-702	Grader	1989	17	100,000	0	2006

TRANSFER TO EQUIPMENT DEPRECIATION FUND 2008-2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
9953	AS-703	Loader	1999	12	90,000	7,500	2011
9462	AS-902	Arrow Board	1995	16	10,000	625	2011
683	BD-301	Van-Cargo-E250	2005	7	30,000	4,286	2012
557	BD-401	Truck-Pickup, 1/2 ton 4WD	2002	7	20,000	2,857	2009
93	BD-403	Truck-Pickup, 1 ton 4WD	2001	7	35,000	5,000	2008
555	BD-405	Truck-Pickup, 1 ton 4WD	2002	7	35,000	5,000	2009
483	BD-801	Genie Hydraulic Lift	2001	12	18,000	1,500	2013
562	CE-401	Truck-Pickup, 1 ton 4WD	2003	7	25,000	3,571	2010
458	CE-701	Backhoe	2001	10	70,000	7,000	2011
461	CE-801	Tractor, 32 HP	2001	12	19,000	1,583	2013
425	CH-101	SUV, Standard	2001	7	23,000	3,286	2008
605	EG-101	SUV, Economy	2004	7	20,000	2,857	2011
752	EG-401	Truck-Pickup, 1/2 ton 4WD	2006	7	20,000	2,857	2013
406	EO-101	SUV, Economy	2001	7	20,000	2,857	2008
419	EO-402	Truck-Pickup, 1 ton 4WD	2001	7	40,000	5,714	2008
697	EO-501	Tractor, Cab	2005	15	70,000	4,667	2020
446	EO-901	Trailer, Low Boy	2001	16	18,000	1,125	2017
511	FI-101	SUV, Economy	2002	7	20,000	2,857	2009
762	GP-401	Truck-Pickup, 1/2 ton 4WD	2006	7	20,000	2,857	2013
466	GR-402	Truck-Pickup, 1 ton 4WD	2001	7	35,000	5,000	2008
774	GR-801	Tractor	2006	11	70,000	6,364	2017
625	HT-401	Truck-Pickup, 1/2 ton 4WD	2004	7	20,000	2,857	2011
556	HT-402	Truck-Pickup, 1 ton 4WD	2002	7	35,000	5,000	2009
628	HT-403	Truck-Pickup, F550 4WD	2004	7	35,000	5,000	2011
517	HT-404	Truck-Pickup, 1 ton 4WD	2002	7	35,000	5,000	2009
9733	HT-501	Truck-Dump, Flatbed	1998	8	45,000	0	2006
98109	HT-503	Truck-Bucket	1998	8	60,000	0	2006

TRANSFER TO EQUIPMENT DEPRECIATION FUND 2008-2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
304	HT-504	Truck- Dump, Water	1999	11	50,000	4,545	2010
	HT-702	Uniloaders	2007	11	34,000	3,091	2018
9789	HT-802	Gator	1998	13	10,000	769	2011
94120	HT-901	Stump Grinder	1995	11	12,000	0	2006
426	IN-101	SUV, Standard	2001	7	23,000	3,286	2008
606	IN-102	SUV, Economy	2004	7	20,000	2,857	2011
423	IN-103	SUV, Standard	2001	7	23,000	3,286	2008
433	MP-101	SUV, Economy	2001	7	20,000	2,857	2008
434	MP-102	SUV, Economy	2001	7	20,000	2,857	2008
435	MP-401	Truck-Pickup, F550 4WD	2001	7	35,000	5,000	2008
420	PD-005	SUV, Standard	2001	7	25,000	3,571	2008
443	PD-011	SUV, Standard	2001	7	25,000	3,571	2008
512	PD-021	SUV, Standard	2002	7	25,000	3,571	2009
514	PD-022	SUV, Standard	2002	7	25,000	3,571	2009
513	PD-023	SUV, Standard	2002	7	25,000	3,571	2009
534	PD-024	SUV, Standard-Marked	2002	7	30,000	4,286	2009
510	PD-025	Sedan, PT Cruiser-Marked	2002	7	30,000	4,286	2009
518	PD-026	Sedan, Full Size-Marked	2002	7	30,000	4,286	2009
588	PD-045	SUV, Standard	2004	5	25,000	5,000	2009
670	PD-053	SUV, Economy-Marked	2005	7	23,000	3,286	2012
671	PD-054	SUV, Standard-Marked	2005	7	25,000	3,571	2012
629	PD-055	Sedan, Full Size	2005	7	23,000	3,286	2012
668	PD-056	SUV, Standard	2005	7	25,000	3,571	2012
675	PD-057	SUV, Standard	2005	7	25,000	3,571	2012
766	PD-065	SUV, Standard-Marked	2006	7	30,000	4,286	2013
765	PD-066	Sedan, Full Size	2006	7	22,000	3,143	2013
763	PD-067	SUV, Standard	2006	7	25,000	3,571	2013

TRANSFER TO EQUIPMENT DEPRECIATION FUND 2008-2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
764	PD-068	SUV, Standard	2006	7	25,000	3,571	2013
	PD-931	Van	2007	13	55,000	4,231	2020
460	PI-301	Van, Standard	2001	7	25,000	3,571	2008
467	PK-401	Truck-Pickup, 1 ton 4WD	2001	7	35,000	5,000	2008
566	PK-402	Truck-Pickup, 1 ton 4WD	2003	7	35,000	5,000	2010
515	PL-101	SUV, Standard	2002	7	23,000	3,286	2009
	PL-901	Leaf Boxes	2005	5	24,000	4,800	2010
676	PN-101	SUV, Economy	2005	7	20,000	2,857	2012
424	PW-101	SUV, Standard	2001	7	23,000	3,286	2008
	RC-102	SUV, Standard	2007	7	23,000	3,286	2014
459	RC-201	Sedan, Economy	2001	7	14,000	2,000	2008
682	RC-302	Van, 15-Passenger	2005	7	28,000	4,000	2012
465	RC-304	Van, 20-Passenger	2001	7	43,000	6,143	2008
479	RC-305	Van, Mini	2001	7	20,000	2,857	2008
669	RC-401	Truck-Pickup, 1/2 ton 4WD	2005	7	20,000	2,857	2012
703	SD-401	Truck-Pickup, 1 ton 4WD	2005	7	35,000	5,000	2012
453	SD-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
448	SD-502	Truck-Dump, Standard	2001	9	55,000	6,111	2010
464	SD-701	Backhoe	2001	10	70,000	7,000	2011
96126	SD-702	Uniloaders	1997	11	34,000	3,091	2018
767	ST-101	SUV, Standard	1999	7	23,000	3,286	2013
590	SW-401	Truck-Pickup, 1 ton 4WD	2004	7	35,000	5,000	2011
462	SW-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
	SW-701	Backhoe	2007	10	70,000	7,000	2017
	SW-702	Uniloaders	2007	11	34,000	3,091	2018
8184	SW-902	Traffic Message Board	2001	16	11,000	688	2017
516	TE-401	Truck-Bucket	2002	8	60,000	7,500	2009

TRANSFER TO EQUIPMENT DEPRECIATION FUND 2008-2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
635	TE-402	Truck-Pickup, 1 ton 4WD	2007	7	35,000	5,000	2014
	TM-101	SUV, Standard	2005	7	23,000	3,286	2012
		Mowers (2)	2005	6	16,000	2,667	2010
		Mowers (2)	2006	6	16,000	2,667	2013
		Mowers (2)	2005	6	16,000	2,667	2011
		Mowers (2)	2006	6	16,000	2,667	2014
		Mowers (2)	2005	6	16,000	2,667	2012
		Mowers (2)	2006	6	16,000	2,667	2015
					3,364,000	387,227	
Golf Course Fund							
775	GC-401	Truck-Pickup, 1 ton 4WD	2007	7	25,000	3,571	2014
9274	GC-801	Tractor, 40 HP	2004	12	30,000	2,500	2016
750	GC-810	Sprayer	2006	6	18,000	3,000	2012
624	GC-812	Mowers - (2)	2005	6	16,000	2,667	2011
					89,000	11,738	
Rescue Fund							
395	RS-03	Truck-Pickup, 1 ton 4WD	2000	7	60,000	8,571	2007
401	RS-04	Sedan, Full Size	2000	7	60,000	8,571	2007
487	RS-50	Ambulance, Type II	2001	7	125,000	17,857	2008
699	RS-53	Ambulance-4WD	2005	7	125,000	17,857	2012
4054	RS-54	Rescue Crash Truck	1992	21	450,000	21,429	2013
779	RS-56	Ambulance-Type II	2007	7	120,000	17,143	2014
711	RS-R1	Tahoe 4WD	2005	7	60,000	8,571	2013
712	RS-R2	Tahoe 4WD	2005	7	60,000	8,571	2013
					1,060,000	108,571	
Waste Management Fund							
626	WM-401	Truck-Pickup, 1/2 ton 4WD	2005	7	20,000	2,857	2012

TRANSFER TO EQUIPMENT DEPRECIATION FUND 2008-2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
449	WM-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
451	WM-502	Truck-Dump, Standard	2001	9	55,000	6,111	2010
506	WM-901	Leaf Machine	2001	12	14,000	1,167	2008
631	WM-902	Leaf Machine	2004	7	14,000	2,000	2012
632	WM-903	Leaf Machine	2004	9	14,000	1,556	2014
773	WM-904	Leaf Machine	2006	10	14,000	1,400	2016
507	WM-907	Leaf Machine	2001	8	14,000	1,750	2010
					200,000	22,952	
Water & Sewer Fund							
	PS-401	Truck-Pickup, 1 ton 4WD	2007	7	35,000	5,000	2014
26	PS-402	Truck-Pickup, 1 ton 4WD	2001	7	35,000	5,000	2008
776	PS-403	Truck-Pickup, 1 ton 4WD	2007	7	35,000	5,000	2014
698	PS-902	Sewer Pump	2005	10	74,000	7,400	2015
417	SE-301	Van, 4WD	1999	9	30,000	3,333	2008
417-A	SE-301A	Sewer TV System	2002	11	46,000	4,182	2013
742	SE-401	Truck-Pickup, 1 ton 4WD	2005	7	35,000	5,000	2012
	SE-402	Truck-Pickup, 1 ton 4WD	2007	7	35,000	5,000	2014
522	SE-403	Truck-Pickup, 1 ton 4WD	2002	7	35,000	5,000	2009
	SE-501	Truck-Dump, 4WD	2007	9	75,000	8,333	2016
	SE-701	Backhoe	2007	10	70,000	7,000	2017
436	SE-901	Air Compressor	2001	11	14,000	1,273	2012
9561	SE-904	Sewer Washer	2005	5	38,000	7,600	2010
582	SE-907	Vacuum Exavator	2004	10	40,000	4,000	2014
679	UB-401	Truck-Pickup, 1/2 ton 4WD	2005	7	20,000	2,857	2012
	UB-402	Truck-Pickup, 1/2 ton 4WD	2007	7	20,000	2,857	2014
622	UT-401	Truck-Pickup, 1/2 ton 4WD	2005	7	2,000	286	2012
761	UT-403	Truck-Pickup, 1/2 ton 4WD	2006	7	20,000	2,857	2013

TRANSFER TO EQUIPMENT DEPRECIATION FUND 2008-2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
	WA-401	Truck-Pickup, 1 ton 4WD	2007	7	35,000	5,000	2014
450	WA-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
447	WA-502	Truck-Dump, Tandem	2001	9	70,000	7,778	2010
579	WA-601	Asphalt Milling Machine	2004	10	71,000	7,100	2014
677	WA-701	Backhoe	2005	10	70,000	7,000	2015
455	WA-703	Loader	2000	12	90,000	7,500	2012
422	WA-704	Uniloaders	2000	11	34,000	3,091	2011
523	WA-705	Backhoe, Heavy Track	2002	14	100,000	7,143	2016
428	WA-902	Air Compressor	2001	11	14,000	1,273	2012
					1,198,000	133,974	
					8,316,000	800,084	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Used Vehicle and Equipment Replacements

Project Location: Town Departments

Project Status: New

Description and Justification:

This project provides funding to replace vehicles retained in the fleet after replacement vehicles were purchased. The vehicles were retained in the fleet to meet the needs of expanding service levels. In the future when a new vehicle is purchased an existing vehicle will be surplus to control the growth of the fleet and eliminate the need for this type of project.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$50,000					\$30,000	\$20,000	\$50,000	
Waste Management Fund	\$20,000				\$20,000			\$20,000	
Total	\$70,000				\$20,000	\$30,000	\$20,000	\$70,000	

**USED VEHICLE AND EQUIPMENT REPLACEMENTS
FY 2007/08 to FY 2011/12**

<u>Vehicle #</u>	<u>Description</u>	<u>Reason for replacing</u>	<u>Cost</u>
FY 2009/2010:			
WM-101	1995 SUV Standard	Used by Solid Waste and Recycling Staff year-round to monitor contractor performance in the field.	<u>\$20,000</u> \$20,000
FY 2010/2011:			
RC-301	1991 15-pass. Van	Used year round for Parks & Recreation programs	\$30,000
FY 2011/2012:			
AS-602	1990 Small Paver	New paver purchased in 1997 was a large unit for paving parking lots and streets. The small paver is still needed for smaller jobs.	\$20,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Technology

Project Title: Fiber Optic Network Expansion / Conduit for Town of Blacksburg

Project Location: All Locations

Project Status: On-going

Description and Justification:

This project sets aside funding for the planning, installation, and expansion of a Fiber Optic network and conduit for all Town facilities. By establishing a robust fiber network infrastructure it can build for the future and establish network connectivity to important locations. This will serve future needs such as wireless systems for staff usage of computers in all mobile environments.

This funding is needed to replace the existing wireless network with a fiber-optic based system. The need for fiber is for several reasons: to reduce the dependency on wireless, to enable network integrity and redundancy, allow for the combination of present and future technologies onto a highly reliable infrastructure, and enable future bandwidth intensive technology initiatives.

Anticipated projects are: New Fire Department #3 on Hubbard Street, Fire Department #2 on Prices Fork Road, Clay Street water tank, Multimedia Service Access Point at the Red Lion Inn location, and to build redundancy into our current fiber-optic deployment.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$189,877	\$139,877				\$50,000		\$50,000	
Total	\$189,877	\$139,877				\$50,000		\$50,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Technology

Project Title: Microsoft Software

Project Location: Town-wide (Except Transit)

Project Status: New

Description and Justification:

This project will allocate funding for Microsoft software and licensing in three critical areas:

1. Update with licensing for Microsoft Office 2003 and to allow 50 upgrades to Office 2007.
2. Procure Microsoft software and licensing to upgrade the server systems to the latest Operation System – Windows 2003 and to purchase the client licenses for all the computer systems in use.
3. Procure Microsoft software and licensing for the Technology Department to implement a town-wide Systems Management Server system to monitor, maintain, inventory, and manage the existing desktop, laptop, and server systems now in use. Four different software applications that are not integrated to do the above mentioned functions are currently using. This is an effort to increase the effectiveness of the Technology Department staff by making it easier to manage.

Cost break down:

Office 2007 Professional – qty 50 @ \$350.00	\$17,500
Server 2003 software and Client Licenses	\$ 6,000
Systems Management Server	\$ 6,500
Systems Management Server Installation / Consulting / Training	\$ 7,500

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/02	Current 5-Year Total	Future Years
General Fund	\$37,500		\$37,500					\$37,500	
Total	\$37,500		\$37,500					\$37,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Technology

Project Title: Price Mountain Radio Tower Building Replacement

Project Location: All

Project Status: New

Description and Justification:

This project allocates funding for the Town of Blacksburg to participate in the upgrade of the radio tower facility on Price Mountain. The Montgomery County Sherriff's Department has replaced the radio tower and is asking the Town of Blacksburg and the Town of Christiansburg to participate by requesting that these two jurisdictions allocate funding to replace the building and generator. This radio tower is used by the following Town of Blacksburg agencies: Technology, Transit, Rescue, Public Works, and Fire. The current building is over 20 years old and can not adequately serve the needs of modern communication equipment. The building does not have any environmental (temperature and humidity) control. This cost estimate is anticipated to be one half the cost of replacing the building and generator.

This location is a vital component of the overall town communication system. It is the platform for several radio systems and the data platform that allows the Technology Department to serve the Golf Course and the Fire Department on Prices Fork Road.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General fund	\$15,000		\$15,000					\$15,000	
Total	\$15,000		\$15,000					\$15,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Technology

Project Title: SAN – Storage Area Network / Network Virtualization

Project Location: All

Project Status: Continuing

Description and Justification:

This project will fund the purchase of a Storage Area Network (SAN) and network virtualization software.

This is in the second year of a multi-year project. The first phase of this project will be completed in February 2007. Phase 1 will give the Town of Blacksburg the first SAN storage system and some basic server virtualization technologies. Phase 2 provides a second SAN device and further improves virtualization framework. The second SAN offers tremendous business continuity capabilities as data will not be housed in one location. The advanced virtualization technologies offers tremendous flexibility for server reliability by providing the ability to dynamically adjust for changing business conditions.

SAN and data storage virtualization technologies minimize the need for tape backup, enable data storage redundancy, spread the networking load over multiple locations – thus giving tremendous business continuity as the dependence on one data center is reduced. Further, this allows all data to be available to the user even though IT resources are spread across multiple locations. This project coupled with the server virtualization project, take Blacksburg's IT to the leading edge of current technology and ensures continuous, dependable, and scalable IT data structure. In addition this allows the Town to maintain a small IT staff because the system is reliable, robust, easy to maintain, and offers the IT staff flexibility for service and maintenance functions.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$150,000	\$75,000					\$75,000	\$150,000	
Total	\$150,000	\$75,000					\$75,000	\$150,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Technology

Project Title: Technology Replacement

Project Location: All

Project Status: Ongoing

Description and Justification:

This project will set aside funding to replace approximately one third (1/3) of the desktop and laptop computers every year. In addition this fund will replace network printers across the town – printers typically have a life of 4 to 5 years. Many of these printers have been replaced by the Ricoh copiers that are on 3 year leases. There are approximately 190 desktop and laptop computers in use now by town staff (there is an additional 30 computers in use by Blacksburg Transit that are not covered by this fund). This count grows by 3 or 4 per year due to new positions and increased workforce automation. In addition this fund is used to replace and upgrade various components of the network infrastructure. For example in FY2006 and FY2007 this fund enabled the purchase of switches for fiber optic connectivity to the Bennett House, Old Town Hall, Public Works and Blacksburg Transit. In FY2007 it replaced the wireless network that serves the Golf Course and the Fire Department on Prices Fork Road.

The cost per PC is approximately \$1300 per desktop PC and about \$2,300 for a laptop computer. It is anticipated we will need to replace 40 to 50 desktops and 10 laptop computers per year.

In FY04 replaced 49 desktops, 8 laptops, and 5 printers

In FY05 replaced 49 desktops, 9 laptops, and 3 printers.

In FY06 replaced 30 desktop, 9 laptop computers, and 3 printers.

In FY07 projected to replace 40 desktop, 9 laptop computers, and 3 or 4 printers.

This funding allows the Technology Department to keep modern computer systems of 3 years and newer on the desks of the town employees so we can maintain our strategic technology edge.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund		\$644,154	\$105,000	\$75,000	\$75,000	\$75,000	\$105,000	\$435,000	Ongoing
Total		\$644,154	\$105,000	\$75,000	\$75,000	\$75,000	\$105,000	\$435,000	Ongoing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Downtown Improvements: College Avenue Promenade

Project Location: College Avenue/Henderson Lawn

Project Status: In progress

Description and Justification:

Designs and constructs improvements to College Avenue and Henderson Lawn as recommended by the Downtown Master Plan. The College Avenue Promenade is the marquee project included in the Downtown Master Plan and will result in the creation of an enhanced pedestrian streetscape and a town/university green space on Henderson Lawn that will serve as Blacksburg's town square.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$1,531,500	\$781,500		\$750,000				\$1,531,500	
TEA-21 Grant	\$122,000	\$122,000						\$122,000	
Total	\$1,653,500	\$903,500		\$750,000				\$1,653,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Downtown Improvements: Draper Road Improvements

Project Location: Draper Road from College Avenue to Miller Street

Project Status: New

Description and Justification:

Implements the recommendations of the Downtown Master Plan. Designs and constructs streetscape improvements along Draper Road from College Avenue to Miller Street. The design will coordinate the streetscape elements along Draper Road adjacent to the downtown commercial core, Town and University owned historic structures, the Farmers Market, Kent Square, the Town Government Center, and the entry to the Miller-Southside neighborhood. The project will be broken into 2 phases. Phase 1 will be from College Avenue to Roanoke Street. Phase 2 will be from Roanoke Street to Miller Street and will be funded in future years.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$1,760,000					\$260,000	\$1,280,000	\$1,540,000	\$220,000
Total	\$1,760,000					\$260,000	\$1,280,000	\$1,540,000	\$220,000

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Downtown Improvements: Façade Improvement Grants

Project Location: Downtown Blacksburg

Project Status: New

Description and Justification:

Provides funding to implement the recommendations of the Downtown Master Plan. The funding will be used to encourage private investment in building façades in downtown. The grants will be used to fund a portion of façade improvements that comply with historic district design guidelines and meet the approval of the Historic and Design Review Board.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
CDBG Entitlement Funds	\$125,000		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	
Total	\$125,000		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Downtown Improvements: Farmers Market Improvements

Project Location: Farmers Market - 100 Block Draper Road

Project Status: New

Description and Justification:

This project provides funding for plans and construction for the expansion of the Blacksburg Farmers Market. Construction of the project will be funded through a combination of Town funding, private donations, and grants.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$120,000				\$120,000			\$120,000	
Total	\$120,000				\$120,000			\$120,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Downtown Improvements: Roanoke Street Improvements

Project Location: Roanoke Street between Main Street and the Westview Cemetery

Project Status: New

Description and Justification:

Provides funding to construct improvements along Roanoke Street from Main Street to the Westview Cemetery. Improvements are designed to improve the streetscape to be more pedestrian friendly. The project will include improved sidewalks, street lighting, street signs, crosswalks and landscaping.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$100,000					\$100,000		\$100,000	
Total	\$100,000					\$100,000		\$100,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Downtown Improvements: South Main Street Streetscape

Project Location: South Main Street between Roanoke Street and Eheart Street

Project Status: New

Description and Justification:

Design and Construction of downtown streetscape improvements along South Main Street between Roanoke Street and Eheart Street.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bond	\$850,000			\$68,500	\$781,500			\$68,500	
Total	\$850,000			\$68,500	\$781,500			\$68,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Municipal Complex Expansion and Town Hall Renovations

Project Location: Downtown – Government/Civic Complex – 300 and 400 blocks South Main Street

Project Status: Ongoing

Description and Justification:

This project funds the expansion of the Municipal Complex and renovations of the Municipal Building to provide better access by the public to government services, to incorporate current technology into Town Operations, to improve and expand the public meeting spaces, and to provide work spaces that facilitate the efficient and cost effective provision of services to the public and other Town customers.

Work undertaken as part of this project will be consistent with the Town's Environmental Management System, and will provide a public education and demonstration of appropriate green building concepts, low impact designs and other expressions of environmental stewardship.

Prior allocations funded the anticipated purchase of the Doc Roberts property at 400 South Main Street. The requested funding in FY 2007/08 provides for the renovation of the Doc Roberts building and the use of historic tax credit revenues in addition to general fund revenues. FY 09 and FY10 funding provides for design services, and then renovation costs for the Municipal Building.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$4,431,500	\$1,900,000	\$1,400,000	\$50,000	\$161,500	\$920,000		\$2,531,500	
Historic Tax Credits	\$500,000		\$500,000					\$500,000	
General Fund	\$200,000		\$200,000					\$200,000	
Total	\$5,131,500	\$1,900,000	\$2,100,000	\$50,000	\$161,500	\$920,000		\$3,231,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: North Main Street Streetscape

Project Location: North Main Street

Project Status: New

Description and Justification:

Provides funding for additional streetscaping not included in the North Main Street improvements included in the VDOT 6-year Plan. Items include brick sidewalks, street furniture, and other streetscape items that VDOT does not typically fund with highway improvement funds.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$500,000			\$500,000				\$500,000	
Total	\$500,000			\$500,000				\$500,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager/Community Relations Office

Project Title: Odd Fellows Hall Roof Replacement

Project Location: 203 Gilbert Street

Project Status: In progress.

Description and Justification:

The Odd Fellows Hall was placed on the National Register of Historic Places and the Virginia Landmarks Register in the summer of 2005 and deeded to the Town shortly thereafter. Funding for the complete restoration of the structure will be sought through a capital campaign with the assistance of a separate non-profit foundation now being formed to assist the Blacksburg Museum with fundraising initiatives.

Raising funds for the restoration and actual construction will likely take several years. Certain measures, however, are necessary to protect the building from further deterioration as it awaits restoration. Private donations and limited Town funds have assisted with providing better lighting in the area, closing Gilbert Street to traffic, and protecting the windows, all measures listed as immediate needs in the feasibility study performed by Commonwealth Architects in March of 2005. The study also identifies damage to the existing metal roof and several leaks. While some patching has been done, the risk of leaks and water damage to the interior remains a grave concern. Funding to replace the roof and any structural work required to accommodate the new roof is requested based on estimates provided by Commonwealth Architects in 2005.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$28,050		\$28,050					\$28,050	
Total	\$28,050		\$28,050					\$28,050	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Town Manager

Project Title: Wayfinding Signage System

Project Location: Town wide along major public streets

Project Status: New

Description and Justification:

The purpose of the town wide Wayfinding Signage is to install and maintain a system of highway and street directional signage to guide visitors to primary and secondary attractions and destinations within the town boundaries. These primary and secondary areas include downtown, Virginia Tech, the Visitors Center, Corporate Research Center, and a number of specific destinations within these areas. This project was identified in the Downtown Master Plan as a strategy to attract, direct, and retain the thousands of visitors that visit Blacksburg each year. The final Wayfinding Master Plan was completed in the Fall of 2006. This project will fund the construction and installation of all the signs throughout town.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Fund	\$115,000		\$75,000	\$40,000				\$115,000	
General Obligation Bond		\$35,000						\$35,000	
Total	\$115,000	\$35,000	\$75,000	\$40,000				\$150,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Transit Facility Construction

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit has received several grants totaling \$ 4,400,000 for upgrades to the current transit facility. Completion of construction for this project is projected to be in December 2006. In FY 2007/08 Blacksburg Transit will request funding to repave the parking lot. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$3,600,000	\$3,520,000	\$80,000					\$80,000	
State	\$373,400	\$368,800	\$4,600					\$4,600	
Local	\$526,600	\$511,200	\$15,400					\$15,400	
Total	\$4,500,000	\$4,400,000	\$100,000					\$ 100,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Blacksburg Transit Multimodal Facility

Project Location: Perry Street

Project Status: In progress

Description and Justification:

Blacksburg Transit in conjunction with Virginia Tech is currently in the process of developing a centralized transit facility to move the on-campus transfer point away from Burruss Hall and promote alternative transportation. The proposed location is on Perry Street, behind Cowgill / Whittemore Halls. In FY 2003/04, Blacksburg Transit received concept funding of \$150,000; in FY 2004/05 Blacksburg Transit received A&E for \$500,000 and in FY 2008/09 Blacksburg Transit is requesting construction funding. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$8,520,000	\$520,000		\$8,000,000				\$8,000,000	Cont.
State	\$510,000	\$50,000		\$460,000				\$460,000	Cont.
Local	\$1,620,000	\$80,000		\$1,540,000				\$1,540,000	Cont.
Total	\$10,650,000	\$650,000		\$10,000,000				\$10,000,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Town of Christiansburg - Fixed Route Bus Replacement

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

A replacement program for our base bus fleet has been developed and updated which meets the local, state, and federal regulations that govern public safety. The proposed schedule for the Town of Christiansburg bus replacements per fiscal year is as follows: FY 2007/08 - two 40' buses. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$532,480		\$532,480					\$532,480	Cont.
State	\$30,618		\$30,618					\$30,618	Cont.
Local	\$102,502		\$102,502					\$102,502	Cont.
Total	\$665,600		\$665,600					\$665,600	Cont.

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Increased Service to Corporate Research Center (CRC) - Fixed Route Bus Expansion

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit in conjunction with Virginia Tech has spent the past year reviewing the routes to provide additional, frequent service from the Corporate Research Center to Campus. To accomplish this, BT proposed several route changes including the addition of an additional Tom's Creek Route, the realignments of stops along Main Street to the Trolley Route and the addition of direct service between the CRC and Campus. An expansion and replacement schedule has been developed which meets the local, state, and federal regulations that govern public safety. The proposed schedule for expansion and replacements per fiscal year is as follows: FY2007/ 08 – expansion of one 40' bus. Virginia Tech will provide the local funding for the purchase of the bus. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$266,240		\$266,240					\$266,240	Cont.
State	\$15,309		\$15,309					\$15,309	Cont.
Local	\$51,251		\$51,251					\$51,251	Cont.
Total	\$332,800		\$332,800					\$332,800	Cont.

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Radio Replacement and Expansion Program

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit has developed a replacement and expansion program for radios to maintain the system. The proposed schedule for radio replacement per fiscal year is as follows: FY2007/08 – ten batteries for handhelds; FY 2008/09 – ten batteries for handhelds; FY 2009/10 – ten batteries for handhelds and 3 radios; FY 2010/11 – ten batteries for handhelds and FY 2011/12 - ten batteries for handhelds. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$12,404	\$6,568	\$704	\$717	\$2,918	\$742	\$755	\$ 5,836	Cont.
State	\$928	\$476	\$40	\$41	\$234	\$67	\$70	\$452	Cont.
Local	\$2,174	\$1,166	\$136	\$138	\$496	\$119	\$119	\$1,008	Cont.
Total	\$15,506	\$8,210	\$880	\$896	\$3,648	\$928	\$944	\$7,296	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Shelter, Amenities, and Bike Rack Replacement and Expansion Program

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit has put together an expansion /replacement program to meet the shelter needs in the community. Each year replacement parts and glass are needed for upkeep of current shelters. As routes are reviewed each year, shelters may be requested and installed at new stops. Replacement bike racks are needed each year due to damage and age. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$110,037	\$44,184	\$12,664	\$12,918	\$13,170	\$13,424	\$13,677	\$65,853	Cont.
State	\$8,914	\$3,916	\$728	\$743	\$1,054	\$1,208	\$1,265	\$4,998	Cont.
Local	\$18,596	\$7,130	\$2,438	\$2,487	\$2,239	\$2,148	\$2,154	\$11,466	Cont.
Total	\$137,547	\$55,230	\$15,830	\$16,148	\$16,463	\$16,780	\$17,096	\$82,317	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Technology Replacement and Expansion Program

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

In conjunction with the Technology Department, Blacksburg Transit has development a replacement and expansion program for computers, laptops, software and related technology. The proposed schedule for technology replacement per fiscal year is as follows: FY 2007/08 – computers and infrastructure; FY 2008/09 - computers, infrastructure, tape back-up, and paratransit software; FY 2009/10 - computers, infrastructure, and server replacement; FY 2010/11 – computers and infrastructure; and FY 2011/12- computers and infrastructure. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$252,145	\$68,385	\$19,360	\$96,768	\$26,448	\$20,416	\$20,768	\$183,760	Cont.
State	\$19,232	\$6,680	\$1,113	\$5,564	\$2,116	\$1,837	\$1,921	\$12,552	Cont.
Local	\$43,804	\$10,416	\$3,727	\$18,628	\$4,496	\$3,267	\$3,271	\$33,388	Cont.
Total	\$315,181	\$85,481	\$24,200	\$120,960	\$33,060	\$25,520	\$25,960	\$229,700	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Town of Blacksburg - BT Access Bus Replacement

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit has developed a replacement program for the bus, body on chassis (BOC), and minivan fleet, which meets local, state, and federal regulations that govern public safety. The proposed schedule for bus replacement per fiscal year is as follows: FY 2007/08 – none; FY 2008/09 – one BOC; FY 2009/10 – none; FY 2010/11-none; and FY 2011/12 – one BOC. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$722,880	\$609,520		\$55,120			\$58,240	\$113,360	Cont.
State	\$74,686	\$66,130		\$3,169			\$5,387	\$8,556	Cont.
Local	\$106,034	\$86,250		\$10,611			\$9,173	\$19,784	Cont.
Total	\$903,600	\$761,900		\$68,900			\$72,800	\$141,700	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Training Simulator

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit identified in the risk management process the need for a Training Simulator to help standardize the training procedures. The simulator allows the trainers to recreate accident scenes, reinforce consequences of poor judgment, improve scanning abilities and cover specific training objectives in a cost and time effective manner. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$228,000		\$228,000					\$228,000	Cont.
State	\$13,110		\$13,110					\$13,110	Cont.
Local	\$43,890		\$43,890					\$43,890	Cont.
Total	\$285,000		\$285,000					\$285,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Maintenance Cost Program

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Each year there are several regular maintenance requirements for the transit facility, which are eligible for capital funding. In addition, to maintaining the state-of-the-art maintenance facility, new equipment will be required in the future. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$380,400	\$128,000	\$52,400	\$40,000	\$40,000	\$60,000	\$60,000	\$252,400	Cont.
State	\$31,423	\$11,960	\$3,013	\$2,300	\$3,200	\$5,400	\$5,550	\$19,463	Cont.
Local	\$63,677	\$20,040	\$10,087	\$7,700	\$6,800	\$9,600	\$9,450	\$43,637	Cont.
Total	\$475,500	\$160,000	\$65,500	\$50,000	\$50,000	\$75,000	\$75,000	\$315,500	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Vehicle Replacement

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit has developed a replacement program for vehicles, which meets the local, state and federal regulations that govern public safety. The proposed schedule for vehicle replacement per fiscal year is as follows: FY 2007/08 - two administrative and one operations vehicles; FY 2008/09 – two operations vehicles; FY 2009/10 – two maintenance vehicles; FY 2010/11 – none; and FY 2011/12- three operations and one administrative vehicles. As with all transit capital projects, if grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$342,960	\$101,200	\$57,408	\$37,312	\$45,792		\$101,248	\$241,760	Cont.
State	\$26,795	\$8,320	\$3,301	\$2,145	\$3,663		\$9,365	\$18,475	Cont.
Local	\$58,945	\$16,980	\$11,051	\$7,183	\$7,785		\$15,947	\$41,965	Cont.
Total	\$428,700	\$126,500	\$71,760	\$46,640	\$57,240		\$126,560	\$302,200	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Town of Blacksburg- Fixed Route Bus Replacement

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

A replacement program for the base bus fleet has been developed and updated which meets the local, state, and federal regulations that govern public safety. The proposed schedule for bus replacements per fiscal year is as follows: FY 2007/08 - six 40' buses, two spare parts packages; FY 2008/09 – eight 40' buses, two spare parts packages and one spare engine; FY 2009/10 – eight 40' buses, two spare parts packages, and one spare engine; FY 2010/11 - two 35' buses, one 40' bus and two spare parts packages and in FY 2011/12- seven 40' buses, two spare parts packages and one spare engine. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$20,347,518	\$11,205,118	\$1,632,640	\$2,249,600	\$2,291,680	\$879,360	\$2,089,120	\$9,142,400	Cont.
State	\$1,798,816	\$1,119,867	\$93,877	\$129,352	\$183,334	\$79,142	\$193,244	\$678,949	Cont.
Local	\$3,288,063	\$1,681,413	\$314,283	\$433,048	\$389,586	\$140,698	\$329,036	\$1,606,651	Cont.
Total	\$25,434,397	\$14,006,397	\$2,040,800	\$2,812,000	\$2,864,600	\$1,099,200	\$2,611,400	\$11,428,000	Cont.

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Commercial District Trolley Service - Fixed Route Bus Expansion

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit is currently working on the development of several bus routes connecting the various commercial, retail and conference facilities within the Town. The proposed schedule for bus expansions per fiscal year is as follows: FY 2007/08- three Gillig low floor trolley; FY 2008/09 – 1 Gillig low floor trolley; with future years being reviewed. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$1,120,240		\$836,160	\$284,080				\$1,120,240	Cont.
State	\$64,414		\$48,079	\$16,335				\$64,414	Cont.
Local	\$215,646		\$160,961	\$54,685				\$215,646	Cont.
Total	\$1,400,300		\$1,045,200	\$355,100				\$1,400,300	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Transit

Project Title: Trip Planner

Project Location: Blacksburg Transit Facility

Project Status: In progress

Description and Justification:

Blacksburg Transit would like to purchase trip planner software which will allow passengers to access real-time route/ schedule information online or via telephone. Blacksburg Transit has been working on an Automated Vehicle Locator (AVL) project the past two years. By spring of 2007, Blacksburg Transit will be able to access real time information about route buses; including whether buses are on schedule or not. It is the goal of the project to broaden this service so that passengers can access this information in a timely manner and utilize it while riding the bus. The cost for the trip planner has been divided into two years because of fund availability. In FY 2005/06 and FY 2006/07 Blacksburg Transit received \$53,080 towards this project. In FY 2007/08 Blacksburg Transit is requesting the remaining \$25,000 to complete this project. If grants are unavailable the project may be deferred.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Federal	\$62,464	\$42,464	\$20,000					\$20,000	
State	\$7,206	\$5,206	\$2,000					\$2,000	
Local	\$8,410	\$5,410	\$3,000					\$3,000	
Total	\$78,080	\$53,080	\$25,000					\$25,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Finance (Utility Billing)

Project Title: Meter Maintenance and Replacement

Project Location: Town-wide

Project Status: Continuing

Description and Justification:

The purpose of this project is to set aside funding to maintain our utility meters and the necessary electronic components. A water meter, like any other mechanical device, is subject to wear and deterioration with usage. With very few exceptions, meter accuracy decreases with age, resulting in under-registration and loss of accountability. This loss of accuracy also means a loss of water revenue. The Town's system is now almost 10 years old and the need to be pro-active in our maintenance is vital. This funding would include replacement of the batteries as needed for the MXU (meter transceiver unit); replacement for erosion and environmental stressors for the ECR (encoded communications register) and also replacement of 1 and 2 inch meters.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund	Continuing	\$167,526	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	continuing
Total	Continuing	\$167,526	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Finance (Utility Billing)

Project Title: Radio Read Vehicle Transceiver Unit (VXU) Replacement/Upgrade

Project Location: Town-wide

Project Status: Continuing

Description and Justification:

The purpose of this project is to set aside funding for the replacement of our current VXU (Vehicle Transceiver Unit). This is our vehicle-based device which is used to reading our meters by radio signals. Our current unit is almost 10 years old. As technology advances are seemingly ceaseless and changes occur daily, this project would allow for the upgrading and advancement of our Automated Meter Reading System.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund	Continuing	\$21,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$35,000	Continuing
Total	Continuing	\$21,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$35,000	Continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Coal Bank Ridge Water Storage Facility

Project Location: Coal Bank Ridge Subdivision

Project Status: New

Description and Justification:

The Coal Bank Ridge Subdivision, a subdivision with the majority of the lots located out of the Town's corporate limits, provided the Town a lot on which to construct a water tank as a part of the agreement to provide water service to the subdivision. A 2 million gallon tank can be constructed on this lot. This tank will increase the water storage capabilities of the Town and help to meet the goal of providing 48 hours storage in the event of an emergency that results in a loss of water supply from the Water Authority.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$1,015,935				\$104,848	\$911,087		\$1,015,935	
Total	\$1,015,935				\$104,848	\$911,087		\$1,015,935	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: IDSE/Stage 2 DBP Program

Project Location: Townwide

Project Status: New

Description and Justification:

Recent EPA regulations will require the Town to develop a water quality testing program to test for disinfectant byproducts that result from the water treatment process. The regulations apply to all consecutive water systems that add a disinfectant other than an ultraviolet disinfecting process to comply. The Town is required to comply with the regulations because the Town operates a consecutive system since water is purchased from the Water Authority and the Authority uses chloramines as a disinfectant. The first program that is required to be developed is an Initial Distribution System Evaluation (IDSE). This requires the Town to establish a water monitoring and testing program to obtain baseline data on the levels of the disinfectant byproducts (THM's and HAA's) in the drinking water. Sampling locations and testing at the sites is a part of the IDSE. One year's worth of data is required. This data is then used to determine the Stage 2 monitoring and testing locations. Stage 2 testing will be an on-going program.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund	\$70,800	\$30,000	\$40,800					\$70,800	
Total	\$70,800	\$30,000	\$40,800					\$70,800	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: New Vehicle

Project Location: NA

Project Status: New

Description and Justification:

The Planning and Engineering Department has several programs underway that require personnel to be available to respond quickly or require traveling throughout town to obtain data. Vehicle usage cannot always be coordinated with other personnel for these programs. Programs such as the inflow and infiltration monitoring of the sanitary sewer system requires personnel to visit several locations throughout town and data needs to be obtained at specific times such as after rainfall events so waiting on a vehicle to become available is not an option nor is riding along with other personnel. Water sampling of water mains requires that personnel be available to obtain the samples at the time the call is received so that the main can be placed into service in a timely manner. The Cross Connection program requires that personnel inspect backflow devices that are installed as a part of building construction. Timely inspection is required so that any necessary corrections can be made while the installer is on site. When calls concerning grease blockages in the sanitary sewer mains or illegal discharges into the sanitary sewer system are received, personnel need to be able to respond at the time the complaint is received in order to determine the source of the discharge or grease and promptly correct or stop the discharge before system is damaged. Other similar programs that require immediate attention from Staff includes floodplain management/flooding concerns, inflow and infiltration complaints, stream water quality complaints and concerns, streetlight inspection. Each of these situations requires a vehicle to use for immediate response and a vehicle is not always available. There have been instances where personnel were unable to respond in a timely manner and have missed the opportunity to observe possible violations. Occasionally, off road use is required and a pick up truck would be useful in transporting testing equipment. Several types of vehicles are available under State Contract including flexible fuel vehicles that will be considered.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund	\$27,484		\$27,484					\$27,484	
Total	\$27,484		\$27,484					\$27,484	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Sewer Capacity Centralized Data Acquisition System

Project Location: Town-wide

Project Status: New

Description and Justification:

This project includes funding for a centralized data acquisition system to more effectively monitor and retrieve operational data that can be used to optimize the existing sewer collection system and pumping stations.

The centralized data acquisition system would allow data to be collected remotely and downloaded to a server located in the Town's IT department. This centralized data acquisition system would eliminate the 5 to 10 hours each week that is spent by Town staff traveling to each site to retrieve data. It would also provide a standard platform for the data to be collected and automate data quality control checks. This system would drastically reduce the amount of time that staff must spend in collecting and manipulating data and free up more time to use the data for hydraulic analysis and optimization of the existing collection system.

Project Costs and Planned Financing of Project:

Source of Funds	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund			\$32,500	\$66,100	\$66,100		\$165,700	
Total			\$32,500	\$66,100	\$66,100		\$165,700	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Shenandoah I Sewer Pump Station Condition Upgrade to Minimize Overflows

Project Location: West Stroubles Sewer Shed

Project Status: Follow up request from previous year

Description and Justification:

This project includes funding to conduct a preliminary engineering report that evaluates cost effective alternatives and construction cost estimates to upgrade or replace the antiquated Shenandoah I sewer pumping station. The pumping station was built in the early 1980's and is approaching the end of its 30 year design life. The pumping station is also approaching its' rated design capacity. Over the last five years this pump station has overflowed several times, indicative of the limited pumping capacity at this facility. The Phase I Sanitary Sewer System Study identified this pumping station as being subject to "frequent uncontrollable incident overflows".

As the north end of Town continues to grow this pumping station will be a critical component in conveying wastewater from the south end of the Town to the treatment plant. A cursory analysis of the pumping station was performed in the spring of 2005 to evaluate interim measures that could be done to increase system capacity. Results of this "Interim" study indicated that additional onsite equalization could be constructed at the pumping station site. The long term implications of building the onsite equalization and not upgrading the pumping equipment needs to be evaluated. Additionally, a more comprehensive analysis on what effects enlarging this pumping station may have on the remainder of the collection system needs to be performed.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer fund	\$757,000		\$70,000					\$70,000	
General Obligation Bonds				\$112,000	\$575,000			\$687,000	
Total	\$757,000		\$70,000	\$112,000	\$575,000			\$757,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Water Storage Facility

Project Location: Golf Course

Project Status: In progress

Description and Justification:

This project provides for the design and construction of a water storage facility and construction of connecting water mains required for the facility. This facility will increase the water storage capacity of the Town by ½ million gallons. The tank will most likely be located where the Golf Course maintenance buildings are located, therefore, these buildings will be demolished and new buildings constructed as a part of this project. In addition, a water transient study will be performed by the engineering consultant. This study will investigate the “high system” pressure zone for water hammer issues and momentary loss of water pressure issues. This is in response to various concerns water customers have raised.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	\$1,940,506	\$95,000	\$1,800,000					\$1,800,000	
Water/ Sewer Fund		\$95,000	\$45,506					\$140,506	
Total	\$1,940,506	\$95,000	\$1,845,506					\$1,940,506	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Planning and Engineering

Project Title: Water System Upgrades

Project Location: Southeast End of Town

Project Status: In progress

Description and Justification:

This project involves upgrading existing water lines in the high system service area to address problem areas within the system where future fire flow demands cannot be obtained due to the size of the lines. There is a major portion of the high system that contains 6-inch water lines and any future development is limited because the 6-inch lines will not provide adequate flow once the development is constructed. This project will upgrade these lines to a minimum 8-inches in diameter. The top four priorities are: 1) Rainbow Ridge to Carlson Drive to Forest Hill Drive to Landsdowne; 2) Landsdowne to end of Shelor Lane; 3) Palmer Drive to Sunrise Drive to Hillcrest Drive back to Palmer Drive loop; 4) Crestview Drive to intersection of Sunrise and Palmer Drive

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund	\$647,231		\$178,880		\$4,922	\$66,364		\$250,166	
General Obligation Bonds				\$198,000	\$110,152	\$88,913		\$397,065	
Total	\$647,231		\$178,880	\$198,000	\$115,074	\$155,277		\$647,231	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Electrical Service Upgrade

Project Location: Westover Sanitary Sewer Pump Station

Project Status: New Project

Description and Justification:

This project provides funding to upgrade the existing electrical service at the Westover Sanitary Sewer Pump Station. The current electrical system is single phase with an “add a phase” converter for the station’s 3-phase pumps. This is not a reliable configuration and results in frequent electrical failures.

The FY 2007-08 request would provide the funding necessary (\$30,000) to upgrade the station to 3-phase electrical power. This work would be performed by AEP. It would also provide the funding necessary (\$60,000) for a new 3-phase generator, automatic transfer switch, and associated equipment. This work would be performed by an outside contractor.

After completion of the project, the existing single phase 45 KW emergency generator at the Westover Pump Station would become available for use at another town facility as an emergency power source.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/ Sewer Fund	\$90,000		\$90,000					\$90,000	
Total	\$90,000		\$90,000					\$90,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Environmental Management Program
Sanitary Sewer Inflow & Infiltration Abatement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project supports the Environmental Management Program objective to *“identify, prioritize, and reduce at risk locations for potential surcharge Sanitary Sewer Overflows in Blacksburg”*. This project provides for the ongoing repair, replacement and lining of old and/or broken sanitary sewer lines that do not provide adequate service and are at high-risk for inflow and infiltration. Many of these lines have been in service over sixty years. This project also provides for the rehabilitation of high-risk manholes, to include the installation of watertight manhole lids, to address inflow and infiltration problems in surcharging lines. Prior fiscal year allocations will focus on the priorities identified in the sanitary sewer system capacity and condition study performed by Wiley & Wilson. Each funded fiscal year also includes \$10,000 for I&I education efforts.

Specific locations for inflow and infiltration abatement measures would be determined for each subsequent fiscal year as warranted by sanitary sewer flow meters, model projections, and field observations.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
General Obligation Bonds	continuing	continuing		\$250,000	\$250,000			\$500,000	continuing
Total	continuing	continuing		\$250,000	\$250,000			\$500,000	continuing

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: New Equipment Purchase - Compact Excavator

Project Location: Various Locations

Project Status: New

Description and Justification:

This project provides funding for the purchase of a compact excavator. This compact excavator has many advantages over the traditional backhoe. It is more fuel efficient, saves time and labor when working space is tight and easily to transport. As the rights-of-way and utility easements become more and more congested, excavating in confined areas is becoming extremely difficult. This machine can also be utilized in all divisions of public works; installing sewer clean outs, making water and sewer repairs, installing storm drains and curb and gutter, digging graves, maneuver around trees and flowers bed in median strips, maintaining alley rights-of-ways, and installing electrical and fiber optical lines.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund	\$50,000		\$50,000					\$50,000	
Total	\$50,000		\$50,000					\$50,000	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Water Main Replacements

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides funding to upgrade undersized water lines that restrict flow, reduce pressure, and do not provide adequate fire protection at various locations in the Town's water system. The smaller lines account for the majority of leaks experienced throughout the year. The lines will be replaced with standard 8-inch mains. Many of these small lines are galvanized pipe, are more than 15 years of age, and have corroded to a stage that severely restricts the flow. In many cases, over ½ of the inside diameter is blocked by corrosion. A project list is attached.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Water/Sewer Fund	continuing	continuing	\$83,160	\$64,400	\$82,600	\$56,000	\$27,720	\$313,880	continuing
Total	continuing	continuing	\$83,160	\$64,400	\$82,600	\$56,000	\$27,720	\$313,880	continuing

Water Main Replacement Projects FY 2007/08 - 2011/12

Streets to be Effectuated	From	To	Length (feet)	Cost	Comments
FY 2007/2008					
North Main Street	Patrick Henry Drive	Giles Road	1960	\$54,880	Replace 4-inch line
Patrick Henry Drive	N. Main Street	Giles Road	1010	<u>\$28,280</u>	Replace 4-inch line
TOTAL				\$83,160	
FY 2008/2009					
Forest Hill Drive	Grissom lane	Greenwood Drive	700	\$19,600	Replace 2-inch line
Dunton Drive	Airport Road	Cul-de-sac	1,400	\$39,200	Replace 2-inch line
Alley off Jackson Street (west side)	Jackson Street	north 200-ft	200	<u>\$5,600</u>	Replace 2-inch line
TOTAL				\$64,400	
FY 2009/10					
Progress Street	N. Main Street	Giels Road	950	\$26,600	Replace 4-inch line
Glade Road	Boxwood Drive	Linwood Lane	2000	<u>\$56,000</u>	Replace 6-inch line
TOTAL				\$82,600	
FY 2010/11					
Dickerson Lane	Franklin Drive	Northview Drive	1200	\$33,600	Replace 4-inch line
Roanoke Street	Orchard Street	west 800-feet	800	<u>\$22,400</u>	Replace 2-inch line
TOTAL				\$56,000	
FY 2011/12					
Faculty Street	N. Main Street	Progress Street	390	\$10,920	Replace 4-inch line
Alley between Faculty Street and Wilson Avenue	Faculty Street	Wilson Avenue	400	\$11,200	Replace 1-inch line
Wilson Avenue	Alley	Progress Street	200	<u>\$5,600</u>	Replace 1-inch line
TOTAL				\$27,720	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Parks & Recreation

Project Title:

Project Location: Golf Course

Project Status: There are no projects for the golf course fund in this Recommended Capital Improvement Program.

Description and Justification:

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2006/07	2007/08	2008/09	2009/10	2010/11	Current 5-Year Total	Future Years
Total									

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Major Equipment Purchase

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

The following pages list the equipment scheduled to be purchased over the next five years. Pieces fully depreciated will be purchased from the Equipment Depreciation Fund instead of the various operating funds. Each piece of equipment is inspected prior to being included on the upcoming years' lists to determine if the piece of equipment can provide additional service life. See attached pages for the Detailed Depreciation Schedule.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Equipment Depreciation Fund	continuing	continuing	\$752,000	\$485,000	\$732,000	\$546,000	\$752,000	\$3,267,000	continuing
Total	continuing	continuing	\$752,000	\$485,000	\$732,000	\$546,000	\$752,000	\$3,267,000	continuing

MAJOR EQUIPMENT PURCHASES FY 2008-2012

FY Replacement 2008

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
CDBG Fund							
457	HD-201	Sedan, Economy	2001	7	14,000	2,000	2008
			Fund Total:		\$14,000	\$2,000	
Fire Fund							
486	FD-23	Sedan, Full Size	2001	7	25,000	3,571	2008
485	FD-24	Sedan, Full Size	2001	7	25,000	3,571	2008
			Fund Total:		\$50,000	\$7,143	
General Fund							
93	BD-403	Truck-Pickup, 1 ton 4WD	2001	7	35,000	5,000	2008
425	CH-101	SUV, Standard	2001	7	23,000	3,286	2008
406	EO-101	SUV, Economy	2001	7	20,000	2,857	2008
419	EO-402	Truck-Pickup, 1 ton 4WD	2001	7	40,000	5,714	2008
466	GR-402	Truck-Pickup, 1 ton 4WD	2001	7	35,000	5,000	2008
426	IN-101	SUV, Standard	2001	7	23,000	3,286	2008
423	IN-103	SUV, Standard	2001	7	23,000	3,286	2008
433	MP-101	SUV, Economy	2001	7	20,000	2,857	2008
434	MP-102	SUV, Economy	2001	7	20,000	2,857	2008
435	MP-401	Truck-Pickup, F550 4WD	2001	7	35,000	5,000	2008
420	PD-005	SUV, Standard	2001	7	25,000	3,571	2008
443	PD-011	SUV, Standard	2001	7	25,000	3,571	2008
460	PI-301	Van, Standard	2001	7	25,000	3,571	2008
467	PK-401	Truck-Pickup, 1 ton 4WD	2001	7	35,000	5,000	2008
424	PW-101	SUV, Standard	2001	7	23,000	3,286	2008
459	RC-201	Sedan, Economy	2001	7	14,000	2,000	2008

MAJOR EQUIPMENT PURCHASES FY 2008-2012

FY Replacement 2008

Equip. #	Ref. #	Description	FY	Acquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund-continued								
465	RC-304	Van, 20-Passenger	2001		7	43,000	6,143	2008
479	RC-305	Van, Mini	2001		7	20,000	2,857	2008
			Fund Total:			\$484,000	\$69,143	
Rescue Fund								
487	RS-50	Ambulance, Type II	2001		7	125,000	17,857	2008
			Fund Total:			\$125,000	\$17,857	
Waste Management Fund								
506	WM-901	Leaf Machine	2001		12	14,000	1,167	2008
			Fund Total:			\$14,000	\$1,167	
Water & Sewer Fund								
26	PS-402	Truck-Pickup, 1 ton 4WD	2001		7	35,000	5,000	2008
417	SE-301	Van, 4WD	1999		9	30,000	3,333	2008
			Fund Total:			\$65,000	\$8,333	
			Fiscal Year Total:			\$752,000	\$105,643	

MAJOR EQUIPMENT PURCHASES FY 2008-2012

FY Replacement 2009

Equip. #	Ref. #	Description	FY	Acquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund								
98172	AS-603	Paver-Asphalt	1998		11	32,000	2,909	2009
557	BD-401	Truck-Pickup, 1/2 ton 4WD	2002		7	20,000	2,857	2009
555	BD-405	Truck-Pickup, 1 ton 4WD	2002		7	35,000	5,000	2009
511	FI-101	SUV, Economy	2002		7	20,000	2,857	2009
556	HT-402	Truck-Pickup, 1 ton 4WD	2002		7	35,000	5,000	2009
517	HT-404	Truck-Pickup, 1 ton 4WD	2002		7	35,000	5,000	2009
512	PD-021	SUV, Standard	2002		7	25,000	3,571	2009
514	PD-022	SUV, Standard	2002		7	25,000	3,571	2009
513	PD-023	SUV, Standard	2002		7	25,000	3,571	2009
534	PD-024	SUV, Standard-Marked	2002		7	30,000	4,286	2009
510	PD-025	Sedan, PT Cruiser-Marked	2002		7	30,000	4,286	2009
518	PD-026	Sedan, Full Size-Marked	2002		7	30,000	4,286	2009
588	PD-045	SUV, Standard	2004		5	25,000	5,000	2009
515	PL-101	SUV, Standard	2002		7	23,000	3,286	2009
516	TE-401	Truck-Bucket	2002		8	60,000	7,500	2009
		Fund Total:				\$450,000	\$62,981	
Water & Sewer Fund								
522	SE-403	Truck-Pickup, 1 ton 4WD	2002		7	35,000	5,000	2009
		Fund Total:				\$35,000	\$5,000	
		Fiscal Year Total:				\$485,000	\$67,981	

MAJOR EQUIPMENT PURCHASES FY 2008-2012

FY Replacement 2010

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
General Fund							
452	AS-502	Truck-Dump, Standard	2001	9	55,000	6,111	2010
454	AS-503	Truck-Dump, 4WD	2001	9	75,000	8,333	2010
562	CE-401	Truck-Pickup, 1 ton 4WD	2003	7	25,000	3,571	2010
304	HT-504	Truck- Dump, Water	1999	11	50,000	4,545	2010
566	PK-402	Truck-Pickup, 1 ton 4WD	2003	7	35,000	5,000	2010
	PL-901	Leaf Boxes	2005	5	24,000	4,800	2010
453	SD-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
448	SD-502	Truck-Dump, Standard	2001	9	55,000	6,111	2010
462	SW-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
		Mowers (2)	2005	6	16,000	2,667	2010
		Fund Total:			\$445,000	\$53,361	

Waste Management Fund

449	WM-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
451	WM-502	Truck-Dump, Standard	2001	9	55,000	6,111	2010
507	WM-907	Leaf Machine	2001	8	14,000	1,750	2010
		Fund Total:			\$124,000	\$13,972	

Water & Sewer Fund

9561	SE-904	Sewer Washer	2005	5	38,000	7,600	2010
450	WA-501	Truck-Dump, Standard	2001	9	55,000	6,111	2010
447	WA-502	Truck-Dump, Tandem	2001	9	70,000	7,778	2010
		Fund Total:			\$163,000	\$21,489	
		Fiscal Year Total:			\$732,000	\$88,822	

MAJOR EQUIPMENT PURCHASES FY 2008-2012

FY Replacement 2011

Equip. #	Ref. #	Description	FY	Acquired	Life	Replacement Cost	Depreciation	FY Replacement
Fire Fund								
50013	FD-21	SUV, Full Size	2004		7	30,000	4,286	2011
			Fund Total:			\$30,000	\$4,286	
General Fund								
444	AS-701	Backhoe	2001		10	70,000	7,000	2011
9953	AS-703	Loader	1999		12	90,000	7,500	2011
9462	AS-902	Arrow Board	1995		16	10,000	625	2011
458	CE-701	Backhoe	2001		10	70,000	7,000	2011
605	EG-101	SUV, Economy	2004		7	20,000	2,857	2011
625	HT-401	Truck-Pickup, 1/2 ton 4WD	2004		7	20,000	2,857	2011
628	HT-403	Truck-Pickup, F550 4WD	2004		7	35,000	5,000	2011
9789	HT-802	Gator	1998		13	10,000	769	2011
606	IN-102	SUV, Economy	2004		7	20,000	2,857	2011
464	SD-701	Backhoe	2001		10	70,000	7,000	2011
590	SW-401	Truck-Pickup, 1 ton 4WD	2004		7	35,000	5,000	2011
		Mowers (2)	2005		6	16,000	2,667	2011
			Fund Total:			\$466,000	\$51,132	
Golf Course Fund								
624	GC-812	Mowers - (2)	2005		6	16,000	2,667	2011
			Fund Total:			\$16,000	\$2,667	
Water & Sewer Fund								
422	WA-704	Unloader	2000		11	34,000	3,091	2011
			Fund Total:			\$34,000	\$3,091	
			Fiscal Year Total:			\$546,000	\$61,176	

MAJOR EQUIPMENT PURCHASES FY 2008-2012

FY Replacement 2012

Equip. #	Ref. #	Description	FY Acquired	Life	Replacement Cost	Depreciation	FY Replacement
Fire Fund							
559	FD-11	Truck-Brush	2002	10	40,000	4,000	2012
			Fund Total:		\$40,000	\$4,000	
General Fund							
702	AS-401	Truck-Pickup, 1 ton 4WD	2005	7	35,000	5,000	2012
683	BD-301	Van-Cargo-E250	2005	7	30,000	4,286	2012
670	PD-053	SUV, Economy-Marked	2005	7	23,000	3,286	2012
671	PD-054	SUV, Standard-Marked	2005	7	25,000	3,571	2012
629	PD-055	Sedan, Full Size	2005	7	23,000	3,286	2012
668	PD-056	SUV, Standard	2005	7	25,000	3,571	2012
675	PD-057	SUV, Standard	2005	7	25,000	3,571	2012
676	PN-101	SUV, Economy	2005	7	20,000	2,857	2012
682	RC-302	Van, 15-Passenger	2005	7	28,000	4,000	2012
669	RC-401	Truck-Pickup, 1/2 ton 4WD	2005	7	20,000	2,857	2012
703	SD-401	Truck-Pickup, 1 ton 4WD	2005	7	35,000	5,000	2012
635	TM-101	SUV, Standard	2005	7	23,000	3,286	2012
		Mowers (2)	2005	6	16,000	2,667	2012
			Fund Total:		\$328,000	\$47,238	
Golf Course Fund							
750	GC-810	Sprayer	2006	6	18,000	3,000	2012
			Fund Total:		\$18,000	\$3,000	
Rescue Fund							
699	RS-53	Ambulance-4WD	2005	7	125,000	17,857	2012
			Fund Total:		\$125,000	\$17,857	

MAJOR EQUIPMENT PURCHASES FY 2008-2012

FY Replacement 2012

Equip. #	Ref. #	Description	FY	Acquired	Life	Replacement Cost	Depreciation	FY Replacement
Waste Management Fund								
626	WM-401	Truck-Pickup, 1/2 ton 4WD	2005		7	20,000	2,857	2012
631	WM-902	Leaf Machine	2004		7	14,000	2,000	2012
			Fund Total:			\$34,000	\$4,857	
Water & Sewer Fund								
742	SE-401	Truck-Pickup, 1 ton 4WD	2005		7	35,000	5,000	2012
436	SE-901	Air Compressor	2001		11	14,000	1,273	2012
679	UB-401	Truck-Pickup, 1/2 ton 4WD	2005		7	20,000	2,857	2012
622	UT-401	Truck-Pickup, 1/2 ton 4WD	2005		7	20,000	2,857	2012
455	WA-703	Loader	2000		12	90,000	7,500	2012
428	WA-902	Air Compressor	2001		11	14,000	1,273	2012
428	WA-902	Air Compressor	2001		11	14,000	1,273	2012
			Fund Total:			\$207,000	\$22,032	
			Fiscal Year Total:			\$752,000	\$98,985	

BLACKSBURG CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL SHEET

Department: Public Works

Project Title: Major Building System Replacement

Project Location: Town-wide

Project Status: In Progress

Description and Justification:

This project provides for the systematic replacement of major building systems equipment at the end of their useful life. Funds would be set aside each year based on the projected replacement cost and useful life just like we do for vehicles and equipment. The building systems listed on the attached schedule are only those systems due for replacement in the next 5 years. The implementation of this building system replacement program will eliminate the need to use operational funds to replace system equipment, which fails unexpectedly during the fiscal year.

Project Costs and Planned Financing of Project:

Source of Funds	Total Project Estimate	Prior Allocation	2007/08	2008/09	2009/10	2010/11	2011/12	Current 5-Year Total	Future Years
Building Depreciation Fund	continuing	continuing	\$3,500	\$51,000		\$26,000	\$105,000	\$185,500	continuing
Total	continuing	continuing	\$3,500	\$51,000		\$26,000	\$105,000	\$185,500	continuing

Major Building System Replacement, FY 2007-08-2011/12

FY to be Replaced: 2008

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Municipal Building	1 heat pump	1993	15	\$3,500	\$233
		FISCAL YEAR TOTAL:		\$3,500	\$233

FY to be Replaced: 2009

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Golf Course	1 split a/c system	1994	15	\$5,000	\$333
Progress St. Fire House	3 roof top a/c package units	1989	20	\$30,000	\$1,500
Progress St. Fire House	2 split a/c systems	1989	20	\$16,000	\$800
		FISCAL YEAR TOTAL:		\$51,000	\$2,633

FY to be Replaced: 2011

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Municipal Building	1 roof top package unit	1991	20	\$20,000	\$1,000
Purchasing Warehouse	3 infrared heaters	1991	20	\$1,500	\$75
PW Storage Building	1 gas fired furnace	1991	20	\$1,500	\$75
Recreation Center	1 roof top a/c package unit	1996	15	\$3,000	\$200
		FISCAL YEAR TOTAL:		\$26,000	\$1,350

FY to be Replaced : 2012

<u>Location</u>	<u>Description</u>	<u>Installation Date</u>	<u>Life</u>	<u>Replacement Cost</u>	<u>Depreciation</u>
Police Department Building	1 pneumatic control system	1982	30	\$15,000	\$500
Police Department Building	1 gas fired boiler	1982	30	\$25,000	\$833
Progress Street Fire Station	1 pneumatic control system	1982	30	\$15,000	\$500
Progress Street Fire Station	1 gas fired boiler	1982	30	\$25,000	\$833
Recreation Center	1 pneumatic control system	1982	30	\$15,000	\$500
Recreation Center	1 gas fired boiler	1982	30	\$10,000	\$333
		FISCAL YEAR TOTAL:		\$105,000	\$3,500